The best sides of communication





9079/7.2012

Radio technology

- Digital-/Internet-/FM-Radios
- Action Cameras
- PMR 446
- Scanner
- CB radio
- Amateur radio
- Accessories



Catalogue 2012

- We-stay-in-contact

ALBRECHT®
THE WORLD IN COMMUNICATION

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Radios

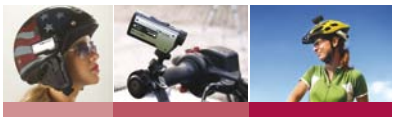
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Accessories

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Internet radio without a computer

Internet radio becomes more and more popular. More and more Internet users stopped listening to their favourite stations via FM radio and now listen via PC or an Internet-enabled radio.

Thanks to Wi-Fi connection these radios connect wireless to the Internet and can play several thousand stations from all over the world – without any PC.

At first they must be integrated in a network with connected DSL router. This works via a network cable or wireless via Wi-Fi. For some of our radios both is an option.
They can receive **more than 10,000 stations from all around the world** when online. The radio can access preset lists of several thousand radio stations sorted by country or genre. Or the user can add new stations via a web page on the PC.

DAB/DAB+

Digital radio is based on DAB technology (Digital Audio Broadcasting) and is a European-developed digital standard for transmitting radio signals by air.

Advantages compared to analogue radio:
- Better sound quality (comparable with CD sound)
- Broadcast of additional information possible (text, images, etc.)
- New programmes
- Economic use of existing frequencies

DAB+ is the improvement of DAB and utilizes the latest encoding processes such as DRM.

NEU!

The Germany-wide DAB+ network was launched on 1 August 2011 with 27 stations and will be upgraded nationwide until 2015. In other countries, such as Switzerland, this technology already is deployed nationwide.

More informations:
www.digitalradio.de
www.worlddab.org

DIGITALRADIO
Radio der Zukunft



INTERNET RADIO: **Enjoy thousands of Internet-Radiostations with crystal clear sound in the world wide web. They are listed in genre, region, favourites and pod casts.**

Internet-Radio/TV, FM-Radio, Media Player

DR 870 HD-TV

NEW!

- The entire world of Internet entertainment: Internet TV, Internet Radio, Podcast, Shoutcast – all in one small device.
- Furthermore the DR 870 HD-TV is a media player to playback videos, music and photos. Such a small device and so many functions.
- Internet TV images, video playback and photos are high-resolution up to HD-quality, the stereo sound is crystal clear.
- A further plus of the DR 870 HD-TV: It comes with an up-to-date eco function! The alarm function stays activated even if the device is completely turned off. Power consumption in this mode is virtually zero.
- Connect the DR 870 HD-TV via HDMI cable to your television and enjoy Internet TV in HD quality.





Features

- Internet TV (7" TFT display) ▸ Internet Radio
- Shoutcast (special Internet radio stations) ▸ Podcast
- Media Player (playback video, MP3, music, photos from internal memory or SD card)
- Media Streaming via WLAN with UPnP ▸ FM Radio
- Alarm ▸ 230 V, Mini-USB
- Ports: HDMI, Mini-USB, LAN, TV out, earphones jack, SD card slot, line-in jack
- Weight: 850 g ▸ Dimensions: W: 25.8 cm, H: 12.5 cm, D: 5.5 cm

Scope of delivery

Albrecht DR 870 HD-TV Radio, Remote control USB-cable, TV-Out cable, FM antenna, Manual

- **Ord.-No.: 27487**

Internet-Radio Adapter for your HiFi system

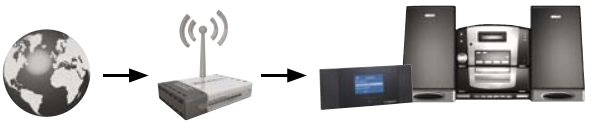
DR 460 W



- Connecting the world through internet radio
- Listen to more than 10.000 radio station worldwide
- Alarmclock radio function
- Music streaming from PC (Network Audio)
- Radiostations can be sorted by country, genre, region

Features

- Internet radio reception via WiFi
- Alarmclock radio function
- You can save 250 favorites for internet radio
- Weather forecast is displayed on the standby screen
- Energy saving mode/dimmer
- Power supply: 230 V wall adapter ▸Line-Out socket Cinch
- 6 OSD languages: German, English, French, Spanish, Portuguese, Italian
- WLAN: 802.11 b/g ▸ WLAN Buffer 2/4/8 Sec.
- Mediastreaming via UPnP ▸ USB socket for firmware updates
- Dimensions: 190 x 75 x 35 mm ▸ Weight: 220 g



Scope of delivery:

Remote control + battery, RCA Cable, AC adaptor

- **Ord.-No.: 27461**

Internet-/FM Radio

DR 400

- Internet radio reception via WiFi
- FM Stereo receiver with RDS-function
- You can save 250 favorites for internet radio and 20 for FM radio
- Alarmclock radio function
- **Power supply: 230V wall adapter or with the built-in lithium battery** up to 4 hours of playing time



Features

- Weather forecast is displayed in the standby screen
- Power supply: 230V wall adapter or with the built-in lithium battery up to 4 hours of playing time
- Line-Out socket 3,5 mm
- 6 OSD languages: German, English, French, Spanish, Portuguese, Italian
- WLAN: 802.11 b/g
- Mediastreaming via UPnP and DLNA
- Dimensions: W: 180 mm, H: 101 mm, D: 52 mm
- Weight: 500 g

Scope of delivery

Telescopic antenna, 230 V power supply, Line-Out cable

- **Ord.-No.: 27420**

Internet-, Digital-, FM Radio

DR 315-FB4

The DR 315 gives you the possibility to receive DAB, DAB+, Internet and FM radiostations with one receiver.
All this in a smart and glossy black chassis.

- Streaming to computers in networks
- Web interface to add your own Internet radio station list
- FM Stereo receiver with RDS-function
- Integrated WLAN module & antenna
- RJ-41 LAN network connector ▸ uPnP support
- WLAN security/encryption: WEP, WPA, WPA2
- Frequency bands: DAB: Band III: 174 - 240 MHz, FM: 88 - 108 MHz
- Manual/automatic scan-function ▸ Date and time display
- Alarm clock and sleep mode
- Program description, station name and quality of the received signal is shown in the display
- Telescopic antenna for DAB and FM radio
- 3 level switch for LCD illumination brightness
- Power supply: 230 V wall adaptor
- Output level: 2 x 5 W RMS/CH
- Dimensions: B: 280 mm, H: 155 mm, T: 210 mm

DL 1/08: GUT

PCgo 7/08 gut
www.pcgo.de

DIGITAL TESTED gut
Albrecht DR-315
TESTERGEBNIS

connect Praxistest Heft 4/10





Scope of delivery

Remote control, Telescopic antenna, 230 V power supply

- **Ord.-No.: 27342**

Digital-/FM-Radio with Touchscreen

NEW!

DR 333

Get the advantage of Digital Radio and see the Slideshow and pictures send by the broadcaster e.g. Artist, Disk cover,News,Weather on our large color display.

Digital radio means more stations and crystal clear sound for digital music broadcasts and more information than in traditional RDS.

The ALBRECHT DR 333 is a digital and FM radio in modern design. For both radio bands 10 preset buttons each are available.



Features

- DAB/DAB+/FM Radio (RDS)
- Several Alarm clock mode functions and intervals
- Sleep-Timer and Snooze function
- Date and time display
- Station preset for 10 DAB and 10 FM stations
- 3,5 mm headphone jack
- Big high-quality LC Display
- Telescopic antenna
- Equalizer
- AC power adapter
- Dimensions: W: 250 mm, D: 131 mm, H: 134 mm



Scope of delivery

Remote control, Telescopic antenna, 230 V power supply

- **Ord.-No.: 27333**



Digital-/FM-Radio

NEW!

DR 330

The ALBRECHT DR 330 is a digital and FM radio in a modern design. There are 12 presets for each band available.

Features

- DAB/DAB+/FM Radio (RDS)
- Several Alarm clock mode functions and intervals
- Sleep-Timer and Snooze function
- Date and time display
- Station preset for 12 DAB and 12 FM stations
- 3,5 mm headphone jack
- Big high-quality LC Display
- Telescopic antenna
- Equalizer
- AC power adapter
- Dimensions: W: 250 mm, D: 131 mm, H: 134 mm





Scope of delivery

Remote control, Telescopic antenna, 230 V power supply

- **Ord.-No.: 27330**



Digital-/FM-Radio Adapter

NEW!

DR 50

The Albrecht DR 50 is a combined FM and DAB/DAB+ broadcast radio receiver for connection to your HiFi system.

- DAB/DAB+ (with DLS) and FM (with RDS) Radio Adapter
- 3 line display with blue background lighting
- Remote control
- 5 different contrasts
- Manual and automatic tune
- 2 programmable alarms (DAB/FM/Beep)
- Sleep timer
- Time and date displayed
- 10 preset stations each for DAB and FM channels
- 3,5 mm line-out jack for connection to a stereo or headphones
- Connection for external antenna
- Dimensions: W: 135 mm, D: 39 mm, H: 92 mm
- Weight: 150 g



Installation example



Scope of delivery

Albrecht DR50, remote control, FM/ DAB antenna cable, DC adapter, 75 ohm adapter, cinch cable, manual

- **Ord.-No.: 27355**

DAB-display: mono/stereo 32/64 Kbps, DLS (artist, song, album), band/frequency, genre e.g. jazz or pop music, time and date

FM-display: channel name, RDS, time and date, genre, mono/stereo

Digital-/FM-Radio

NEW!

DR 80

The Albrecht DR80 is a combined FM and DAB/DAB+ broadcast radio receiver that comes in a very modern retro design.

There are 8 station presets for both DAB and FM radio.

The highlight:
The DR80 can be used everywhere with batteries and is your ideal companion while travelling.

- DAB/DAB+/FM broadcast radio
- DRC (Dynamic Range Control – only in DAB/DAB+ mode)
- Alarm clock/sleep mode function
- Station preset for 8 DAB and 8 FM stations
- Date and time display
- True power switch off
- 3,5 mm headphone jack
- LC display (blue)
- Telescopic antenna
- Antenna input
- Power by DC adapter or 6 AA batteries (not included)
- AC wall adapter included
- Dimensions: 176 mm x 110 mm x 100 mm
- Weight: approx. 400 g



Scope of delivery

Telescopic antenna, Power supply

- **Ord.-No.: 27390**

Digital Action Camera

DV 100 WP

Waterproof Ultra-small digital Video Camera.
Easy to use and big fun.





- Video resolution 736 x 480 VGA
- Battery life 1.5 - 2 Std.
- USB 2.0 (high speed)
- Memory 4 GB implemented
- Weight 22 g
- Dimensions Ø 19 mm, 68 mm Länge
- Operating system Windows: 98, -Me, -XP, -2000, -Vista, -7, Apple: Mac

Scope of delivery

Adjustable mount, 2 GB SD card, USB cable and adapter, Lanyard



- **Ord.-No.: 21200**

Digital Action Camera

Mini DV110

Ultra-small Digital Video Camera

Mini DV 110 is a high-quality, easy to use digital video camera with sound control in elegant design. It is handy and has its place just about everywhere: in sports, during holidays, for monitoring, in the car...
The camera supports up to 8 GB memory cards. Battery operating time: approx. 2 hours. Recording capacity on 2 GB SD memory cards: approx. 30 - 40 minutes.



Video encoding:	M-JPEG
Video resolution:	680 x 480
Supported operating systems:	Windows, ME/2000/XP/2003/ Vista/Mac OS 10.4
Battery life:	about 2 h
Battery:	Lithium polymer rechargeable battery
Dimensions	H: 63 mm, 28 mm, T: 18 mm



Scope of delivery

Adjustable mount,
Clip mount, USB cable
CD incl. driver, Lanyard

- **Ord.-No.: 21110**

Action Camera with GPS

DV 300 GP

GOOGLE MAP · VIDEO · ALTITUDE · LOCATION · SPEED · DISTANCE



Innovative Sport Digital Video Recorder combined with GPS travelling data

- Super video quality/high resolution 640 x 480 (VGA)
- User-friendly Video Player which displays Speed/ Location/Altitude/Time/Distance/Compass
- The video player connects automatically to Google Maps to show the whole route
- Supports Multi-Language, Time Zone selected and SBAS
- Compact size housing mounted easily on the helmet and handle-bar
- Water resistant/stylish housing design with built in microphone
- Two AAA batteries (not included) which can be changed easily
- Good Video Compression
- Max. up to 32 GB Micro SD
- Micro SD card (transfer rate min. 6 MB/s) and card reader not included.
- Warning reminder for low battery power and full memory
- Inclusive high-quality mounting for helmet and steering wheel



Videos with additional information such as Speed/Location/Altitude/ Time/Distance/Compass

Scope of delivery

high-quality mounting
for helmet and steering wheel



- **Ord.-No.: 21300**





PMR 446

2-way radios which you can use to communicate for free, anywhere and anytime.



Private channels CTCSS/DCS: By using the same CTCSS/DCS codes you can talk to your friends or colleagues without getting disturbed by others. So there won´t be any interferences by communications of others.
This is especially useful in baby mode because your radio will only react to the baby monitor.

PTT button: Push to talk button on the radio or external. This button has to be pressed in order to speak to your partner.

Vox-Activation: With the Vox function it is possible to transmit without pressing the PTT button (handsfree function). The radio will be activated by detecting your speech automatically.

Scan: Automatic search run on all 8 channels to find other people who are communicating.

Dual Watch: The radio automatically switches between your current channel and your priority channel. If it detects an active communication on the priority channel it will stay on this channel otherwise it will switch back to the current channel.

Call: Transmission of a tone which is received by others. Depending on the radio there are several tones similar to the ring tones on your mobile phone.

Monitor: This function disables the noise squelch temporarily, you can use it to hear very faint signals. But you will also hear the noise on the channel.

Keylock: This will protect you against unintended changes of your settings.

Battery indicator: Shows the approximate charging status of the batteries.

Baby monitoring: A function which helps you to observe babys, childs or sick people.

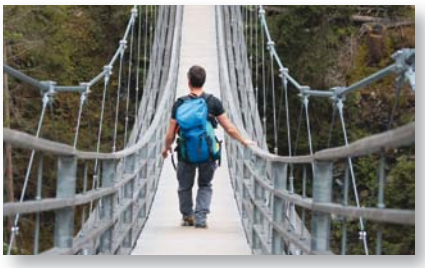
Ranges of walkie-talkies (PMR 446)

Vacant land, over water, etc. at a clear visual contact	up to 10 km and more
Slightly elevated, in forests, etc.	up to 5 km
In lightly built-up terrain, between vehicles and motorcycles	up to 2 km
Within towns, in cities, etc. (depending on the development)	up to 1.5 km
Within very developed cities or if the antenna is covered, i.e. in a jacket pocket	up to 800 m
Within steel concrete buildings	up to 400 m

► possible range ...



Up to 10 km range, 8 channels, 500 mW





PMR 446 2-Way Radio

> Tectalk Easy

A small 2-way radio easy to operate at a very good price/ efficiency ratio.
The two exchangeable front panels provide variety.

The switchable output power level provide a low power consumption. The call signaling and scanning function round out the control comfort.

- ✔ Exchangeable front panel (silver/black)
- ✔ Switchable power
- ✔ Scan function



Tectalk easy pair:
2 devices, 4 front panels
2 belt clips
► **Ord.-No.: 29680**



PMR 446 2-Way Radio

> Tectalk Fun

These radios are easy to use and guarantee a good handling due to the rubberized outer casing ring. The convenient features are attrative for the user, who wants to establish a conversation from A to B without bells and whistles.

Applications:These radios are used everywhere to combine communication with fun.

With its convenient lanyards the radios can be worn like a necklace or tied to a bag or belt.

- ✔ Free communication in almost entire Europe
- ✔ Scan function
- ✔ High/low power selection
- ✔ Monitor function
- ✔ Call function
- ✔ Battery indicator
- ✔ Lanyards included
- ✔ Operates with: 3 AAA batteries (not included)
- ✔ Optional wall charger (230 V): Ord.-No.: 29699



Tectalk Fun - orange
► Ord.-No.: 29690

Tectalk Fun - blue
► Ord.-No.: 29691

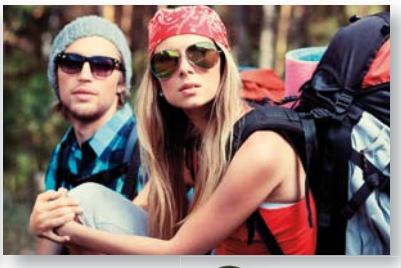
Tectalk Fun - black
► Ord.-No.: 29692

► **possible range ...**



Up to 10 km range, 8 channels, 500 mW





PMR 446 2-Way Radio

> Tectalk Smart+

Small, light-weight and equipped with useful additional functions, the easy handling of these walkie-talkies will convince you. Whether at leisure activities or sports - there is no limit to use the Tectalk Smart+. Each of the channels can be coded with one of the 38 subcodes, which means undisturbed conversations between you and your partner. The hands free function (Vox) allows conversation without pushing the PTT-button, which can also be used as baby monitoring.

- ✔ 38 subcodes (CTCSS) for undisturbed conversations
- ✔ Hands free function (Vox)/ baby monitoring





Tectalk Smart+ pair - orange:
2 devices, 2 belt clips (360°)

► Ord.-No.: 29883

► Orange, Ord.-No.: 29883
► Schwarz/Silber, Ord.-No.: 29884

Tectalk Smart+set - schwarz/silber:
2 devices, 2 headsets,
wall and desktop charger, 6 rech. batteries, 2 belt clips (360°)

► Ord.-No.: 29884



Replacement headsets:

► Ord.-No.: 41925

PMR 446 2-Way Radio

> Tectalk Smart XL

The XL version of the popular Tectalk Smart+ has the additional features:
- ► 24 channels
- ► Large LC-display
- ► Microphone Gain Selection

Low: for noisy surroundings e.g. on your motorbike
High: for indoor surveillance or baby monitoring

- ✔ Hands free function/ baby monitoring(Vox)
- ✔ Microphone Gain Selection low/high
- ✔ 24 pre-programmed channels
- ✔ 38 subcodes per channel
- ✔ Energy save mode
- ✔ Call
- ✔ Scan



Tectalk FM+ pair:
2 Tectalk Smart XL,
2 headsets, 2 belt clips,
8 rechargeable batteries
and double charger

► Ord.-No.: 29888



► Ord.-No.: 29888

► possible range ...



Up to 10 km range, 8 channels, 500 mW

Intercomfunction

Scrambler

PMR 446 2-Way Radio

> Tectalk Action Pro

The Tectalk Action Pro's sophisticated technology comes in an ultra thin alu/ metal casing. This appeals to the semi-professional user as well as the demanding private user. The integrated intercom function rounds off the comfort for bikers.

Channel encoding and scrambler provide undisturbed conversation and the convenient hands-free function allows radio contacts without pressing the PTT button.

The first-class transmission quality of the Tectalk Action Pro is due to its audio compander and it comes with a flash light as a little bonus.

The included intelligent charging cradle allows fast charging and ensures trickle charge of the built-in battery.

- ✔ Aluminium case - ultra slim
- ✔ Audio compander for better transmission quality
- ✔ 38 CTCSS tones
- ✔ Intelligent desk charger
- ✔ Built-in lithium ion battery, 780 mAh
- ✔ Lamp ✔ Room monitoring ✔ Scrambler
- ✔ Intercom function (with optional accessory)

Tectalk Action Pro
1 device
1 intelligent desk charger
1 AC adapter
► Ord.-No.: 29850



Only 15 mm

► Ord.-No.: 29850



► **Optional accessories:**
Intercom Adapter
Ord.-No.: 41944

12 V charger
Ord.-No.: 73730







PMR 446 2-Way Radio

> Tectalk Contact 2

Tectalk Contact 2 – a PMR 446 Radio with a high range of application. Built for private and professional use. This very solid and user friendly radio guarantees the connection to your partner.

The ▸intelligent▸ desktop charger, charges AA batteries controlled and very fast. If the batteries are fully loaded, the charger turns into conservation charging mode.
For sales outside EU the transmitting power can be adjusted by software up to 2,5 - 3,0 Watts.

- ✔ The surface is rubber coated
- ✔ 38 CTCSS/104 DCS subcodes for undisturbed conversations
- ✔ Hands free function on 3 levels
- ✔ Audiocompander function for a better transmission
- ✔ 20 programmable channels by optional software between 446 to 448 Mhz.

very solid

USB programmable



Tectalk Contact 2
1 device
1 intelligent fast charger
3 AA rech. batteries, 1500 mAh
1 belt clip
► Ord.-No.: 29740

Optional accessories:

12 V car charger:
incl. cig.-lighter cable
► Ord.-No.: 29251

Double desktop charger:
without AC adapter
► Ord.-No.: 29743

USB programming kit and -software
► Ord.-No.: 29745

Carry-case
► Ord.-No.: 29744



► Ord.-No.: 29740

► possible range ...



Up to 10 km range, 8 channels, 500 mW





PMR 446 2-Way Radio

> Tectalk Pro XL

Semi-Professional PMR 446 2-Way Radio
IP 54: The Tectalk Pro XL is the ideal for reliable communications in the toughest environment with its proven IP 54 structures.

Menu Driven System as well as PC programming: Easy to operate and highly adaptable, through the use of a menu driven configuration system as well as PC programmable function.

Smart Charging System: Each radio is supplied with an intelligent desktop charger (Semi Quick Charger).

Compact, handy design and rugged: Very few compact commercial PMR 446 Radio can deliver so much versatility and functionality in this compact and handy size. This is also rugged and conforms military standard.

- ✔ Clone function
- ✔ CTCSS and DCS codes
- ✔ Waterproof IP-54
- ✔ Semi quick charger (4 - 5 hours)
- ✔ Time out timer

Tectalk Pro XL:
1 device, desktop charger, Li-Ionen battery (1000 mAh), protection bag
► Ord.-No.: 29786

Tectalk Pro Mobil: with mag mount antenna (for more range)
► Ord.-No.: 29784

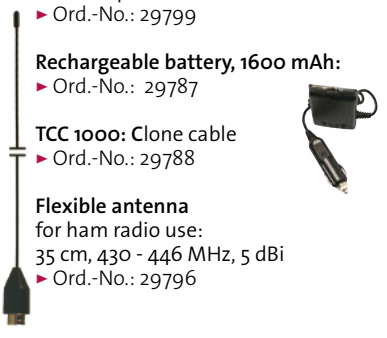
PC programmable set
NEW: now with USB connection
► Ord.-No.: 29798

Battery-Eliminator TBP- 1100:
for 12 V operations
► Ord.-No.: 29799

Rechargeable battery, 1600 mAh:
► Ord.-No.: 29787

TCC 1000: Clone cable
► Ord.-No.: 29788

Flexible antenna
for ham radio use:
35 cm, 430 - 446 MHz, 5 dBi
► Ord.-No.: 29796





PMR 446 2-Way Radio

	Tectalk Easy	Tectalk Fun	Tectalk Smart+	Tectalk Smart XL	Tec. Action Pro	Tectalk Contact2	Tectalk Pro XL
8 channels	●	●	●	●	●	●	●
Range up to 5 km	●	●	●	●	●	●	●
Transmission power/mW	500/50	500/50	500	500	500	500	500/50
Keyboard interlock	○	○	●	●	●	●	●
Call-tones	1	1	3	1	3	5	5
Vox	○	○	●	●	●	●	●
Vox-steps	○	○	1	1	2	3	5
38 CTCSS tones	○	○	●	●	●	●	50
104 DCS tones	○	○	○	○	○	●	●
Scrambler	○	○	○	○	●	○	○
Scan	●	●	●	●	●	●	●
Programmable	○	○	○	○	○	●	●
Dual watch	○	○	○	○	●	●	●
Power save mode	●	●	●	●	●	●	●
Battery low display	acoustic signal	●	●	●	●	●	●
Charger	○	○	●	●	●	●	●
Charger port	○	●	●	●	●	●	●
Recharchable battery (mAh)	○	○	650	650	780	1500	1000
Headset socket 2,5/3,5 mm, twin	○	○	○	○	●	●	●
Headset socket 2,5 mm, single	○	○	●	●	○	○	○
Dimensions mm (W|H|D)	52|122|30	60|125|28	45|120|25	56|155|29	55/140/15	55/17,5/25	60|180|25
Weight incl. recharcheable battery packs	117	87	92	128	85	178	185
Batteries	3|AAA	3|AAA	3|AAA	4|AAA	Li-Ion	3|AA	Li-Ion

The operation of PMR 446 radios is allowed in this countries:
A, B, CH, CY, CZ, D, DK, E, EST, F, FIN, FL, GB, GR, H, I, IRL, IS, L, LT, LV, M, N, NL, P, PL, S, SK, SLO, RSM.

PMR 446 2-Way Radio Accessories

AE 31 S - Security Headset



The ▸Clear Tube◂ makes it a highly professional headset to carry out assignments inconspicuously. Connection with twin plug 3,5/2,5 mm.

► Ord.-No.: 41997

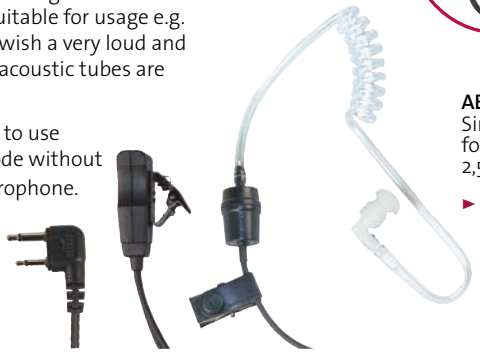
AE 31 CL2 - Security Headset

The Albrecht Security Headset with integrated microphone in the PTT-button is suitable for usage e.g. with MIDLAND HP 450-2 A , if you wish a very loud and clear transmission or where other acoustic tubes are simply not sufficient.

The innovative headset allows you to use the device hands-free or in PTT mode without an additional selection on the microphone.

Microphone connector: 2,5/3,5 mm twin plug.

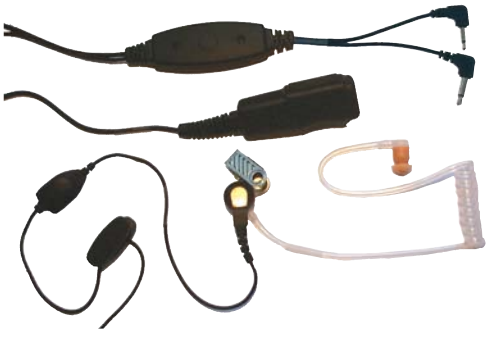
► Ord.-No.: 41999



AE 31 - Security Headset

Semi professional - Clear Tube - headset with big PTT, 2,5/3,5 mm twin plug, **automatic vox circuit**

► Ord.-No.: 41990



AE 37/AE 30 - Headsets



A combined insert earphone/microphone, available with vox or transmission key operation/switchable, with 2,5 mm single plug.

► Ord.-No.: 41915

AE 30

Same like AE 37 but with 2,5/3,5 mm twin plug.

► Ord.-No.: 41830

Throat Activated Microphones



AE 38 S2
Dual throat Activated Microphone with automatic vox circuit for high noise and tactical environments. Dual microphone system provides the highest audio transmission quality possible cutting down on ambient and nearby noise perfectly. The patented D-Shaped earphone uses rubber ear loop which holds the earphone in place comfortably and provides privacy and discreet communication.

► Ord.-No.: 41918

AE 38
Single throat Activated Microphone with earphone and switch for Vox or PTT, separate PTT-button with velcro fastening. 2,5/3,5 mm duo plug.

► Ord.-No.: 41910

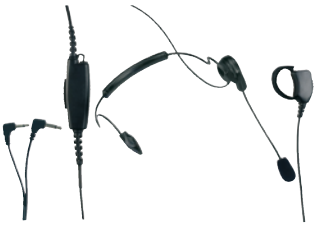


HS 01 - Headset for sport and work



This rugged neck headset has a flexible boom microphone which provides ideal fit and maximum comfort. It features a heavy duty cable for maximum durability, PRX switch, **automatic vox circuit,** 360 degree rotating clip, Push-To-Talk with Vox/PTT switch, also an optional finger PTT. Meets IP-55. 3,5/2,5 mm Twin plug

► Ord.-No.: 41917



AE 24 - Headset



Earphone/microphone with PTT-button on the microphone with 2,5/3,5 mm twin plug. IP 54

► Ord.-No.: 42724

HM 500/501 - Headsets



Earphone/microphone with PTT-button on the microphone.

HM 500
► Ord.-No.: 42700, 2,5/3,5 mm twin plug

HM 501
Same like HM 500 - with 2,5 mm single plug.

► Ord.-No.: 42701



SHS 300i

NEW!

Motorcycle helmet stereo headset for smartphones such as iPhone and Blackberry. With microphone and function button for receiving calls and MP3 player control.

► Ord.-No.: 41935

Bicycle Set



Bicycle set - microphone/ earphone fitting to the bicycle helmet, Walkman connection available, 2,5/3,5 mm plug.

► Ord.-No.: 41861



BPA 200 - Adapter

For wireless connection from radio to Bluetooth Headset. Scope of delivery: transceiver, adapter 2,5 mm stereo plug to 2,5/3,5 mm double plug, 230 V wall charger

► Ord.-No.: 15455



BPA 300 BT

Wireless biker-headsets for connect to Bluetooth mobile phones and navigators

BPA 300 BT/C: For closed helmets with headset CHS 300. Delivery contents: transmitter, headset CHS 300, 230 V wall charger

► Ord.-No.: 15500

BPA 300 BT/O: For open helmets with headset OHS 500. Delivery contents: transmitter, headset OHS 500, 230 V wall charger

► Ord.-No.:15510

Bike communication



Bike-Sets

Our Bike-Sets consist of a pair of 2-way radios with helmet headsets for the bike to bike communication.

Tectalk Smart+ Sets

for closed helmets
2 devices, 2 x CHS 300, 2 x BHS 301
► Ord.-No.: 29883.S1

for open helmets
2 devices, 2 x OHS 500, 2 x BHS 301
► Ord.-No.: 29883.S2

for closed helmets, incl. charger
2 devices, charger, rech. batteries, 2 x headset, 2 x CHS 300, 2 x BHS 301
► Ord.-No.: 29884.S1

for open helmets, incl. charger
2 devices, charger, rech. batteries, 2 x headset, 2 x OHS 500, 2 x BHS 301
► Ord.-No.: 29884.S2

Tectalk Smart XL Sets

for closed helmets, incl. charger
2 devices, duo-charger, rech. batteries, 2 x CHS 300, 2 x BHS 301
► Ord.-No.: 29888.S1

for open helmets, incl. charger
2 devices, duo-charger, rech. batteries, 2 x OHS 500, 2 x BHS 301
► Ord.-No.: 29888.S2

Tectalk Contact 2 Sets

for closed helmets
2 devices, 2 x CHS 300, 2 x BHS 300 charger, rech. batteries
► Ord.-No.: 29740.S1

for open helmets
2 devices, 2 x OHS 500, 2 x BHS 300 charger, rech. batteries
► Ord.-No.: 29740.S2

Cases for work and hobby



Tectalk Pro XL
2 devices, 2 x charger, rech. batteries, 2 x headsets MA 24 L
► Ord.-No.: AL206.S2

Tectalk Contact 2
2 devices, 2 x charger, rech. batteries, 2 x headsets MA 24 L
► Ord.-No.: AL206.S3

Accessories



EXT 300 - Extension cord
For AE 500S/600/600S, BHS 300/301, SHS 300
► Ord.-No.: 41947



Vox adapter
For basic set BHS 300/301. For Vox use. Not for Tectalk smart+.
► Ord.-No.: 41883

AE 600 Motorbike Intercom



Motorbike-Intercom AE 600 - The Basic
for driver and co-driver, connectivity to navigation systems or MP3 Player

► Ord.-No.: 40011, with CHS 300 (closed helmet)
► Ord.-No.: 40012, with OHS 500 (open helmet)

Motorbike-Intercom AE 600 S - The Advanced
for driver and co-driver. With integrated FM radio and connectivity to 2-way radio, MP3 Player and GSM.

► Ord.-No.: 40021, with CHS 300 (closed helmet)
► Ord.-No.: 40022, with OHS 500 (open helmet)

Motorbike-Intercom AE 600 BT - The Bluetooth
wireless connection to Bluetooth-headsets, -GSM, -navigation system, -2-way radio. Wired inputs to navigation system, MP-3 player, GSM, 2-way radio, PTT and 12 Volt charger.
Integrated FM-radio

► Ord.-No.: 40031, mit CHS 300 (closed helmet)
► Ord.-No.: 40032, mit OHS 500 (open helmet)

Antenna



Minimag 440 SMA
Mag mount antenna with SMA connector, 420 - 480 MHz
► Ord.-No.: 65740

Minimag 440 SMB
Mag mount antenna with SMB connector, 420 - 480 MHz
► Ord.-No.: 65745

Car-cig. plug charger



For Tectalk FM+/Smart+/Contact2 ► Ord.-No.: 29251
For AE 600/AE 600 S/AE 600BT ► Ord.-No.: 29724
For Tectalk Pro XL ► Ord.-No.: 29799
For Tectalk action, ALAN 441/443, ALAN 445 Sport, MIDLAND G7/G6/445BT, Reer 5000/5003/5005 Marine Transceiver: MIDLAND Ocean and Atlantic
► Ord.-No.: 29726

Connecting cable for 600 series

BHS 308: Passenger headset cable for AE 600 series (loop cable).
► Ord.-No.: 41952

BHS 304: Driver headset cable for AE 600 series.
► Ord.-No.: 41948



Helmet Headsets for Basic Sets

Closed helmet Set CHS 300
Microphone/headphones for closed helmets for connection to the basic set BHS 300/301.

► Ord.-No.: 41930



Open helmet Set OHS 500
Microphone/headphones for open helmets for connection to the basic set BHS 300/301.

► Ord.-No.: 41955



Helmet Stereo Headsets

SHS 300
2 headphones for MP3 player connection, incl. adaptor 3,5 mm to 2,5 mm.

► Ord.-No.: 41929



SHS 300 S Twin Headphones
Comes with 2,5 mm stereo plug and ca. 50 cm cable, for e.g. 2 way radios like MIDLAND 777, ALBRECHT Tectalk Smart, - Tectalk FM+

► Ord.-No.: 41928

Earphones

OH2/OH2A With flexible, soft rubber ear loop.



OH 2A, 2,5 mm connector

► Ord.-No.:71451

OH 2, 3,5 mm connector

► Ord.-No.: 71450



Earphone
Dynamic mono earphone with 3,5 mm connector for easy fixing on external ear.

► Ord.-No.: 71410

Earphone OH3/OH3A
With flexible ear loop.



OH 3A, 2,5 mm connector

► Ord.-No.: 71452

OH 3, 3,5 mm connector

► Ord.-No.: 71453



Helmet earphone
especially for driving schools.
3,5 mm connector

► Ord.-No.: 41886

2,5 mm connector

► Ord.-No.: 41887



AL 400 - Windbreak

Spare foam for MA 30, AE 30/37 microphones

► Ord.-No.: AL 400

Basic Sets for Bikes



BHS 300 N
For TT ActionPro, Contact2, TT Pro XL. Transmission button and plug for the 2-way radio (2.5 /3.5mm twin plug). You will need the arphone/microphone CHS 300 (closed helmet) or OHS 500 (open helmet)

► Ord.-No.: 41940

BHS 300 U
Same like BHS 300 but with universal bike cable for use with PTT button. For radios with duo plug 2.5/ 3.5 mm like Alan, Midland, Albrecht and other 2-way radios.

► Ord.-No.: 41939

BHS 301 N
Same like BHS 300 N but with stereo plug 2,5 mm e.g. for Tectalk FM+/-smart, MIDLAND 777/K1, G5

► Ord.-No.: 41941

BHS 300 K
Same like BHS 300 but with Kenwood connector for e.g. MIDLAND G11 and G14.

► Ord.-No.: 41942

Microphones



baby monitoring microphone BM 1
Microphone for baby monitoring for almost all 2-way radios, 2,5 mm stereo plug, incl. 1,5 m cable

► Ord.-No.: 41870



Speaker microphone SM 400
With clip and helix cable.
Connector: 2.5/3.5 mm

► Ord.-No.: 41780



Speaker microphone SM 500
A mini sized and powerfull condenser-style microphone that produces excellent transmitted audio clarity. A 360 degree revolving stainless clip on the back can be secured to the user´s lapel or shoulder. This unit is made to meet IP-54.
Connector: 2.5/3.5 mm.

► Ord.-No.: 41750

Which accessory for which 2-way radio?

Double connector 2,5/3,5 mm:
e.g. for Tectalk Pro XL, Tectalk Contact 2



Connector (Stereo) 2,5 mm:
e.g. for Tectalk Smart+, Tectalk FM+



Adapter: Double- to Stereo connector
(Best.-Nr.: 29254**)**
e.g. for Tectalk Smart+, Tectalk FM+



Adapter



Dual plug 2,5/3,5 mm on 2,5 mm stereo plug. Adapter for various headphones on Tectalk smart+/ FM+, ALAN 777/K1, MIDLAND G5.

► Ord.-No.: 29254



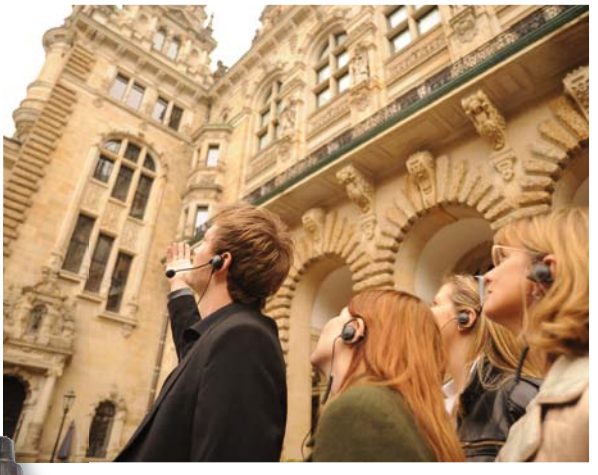
For the connection of any stereo earphone (e.g. common MP3 Player headsets) to PMR radios (PMR 446) with 3,5 mm or 2,5 mm speaker socket. This is an ideal solution for driving schools, so every student can use his own earphone.

► 3,5 mm connector, Ord.-No.: 41961
► 2,5 mm connector, Ord.-No.: 41962

Tourist Radio

The individual communication system that satisfies your needs.

You can combine your ideal tourist set for your individual groups from the above mentioned components. The basic set would be the ATT100 tourist transmitter for the tour guide and GHS01-headset as well as minimum one ATR100 Set (code: 29900.S2) which includes a pair. The travel bag (code: 29912) is laid out for a maximum of 12 pcs. ATR100.







Set ATR Advanced Tourist Receiver (Ord.-No. 29900.S2) includes:



2 pcs. ATR 100
Advanced Tourist Receiver



2 pcs. THS01
Tourist-Headset with hygienic, wipeable plastic surface



1 pcs. Y-cable,
charges two devices simultaneously



1 pcs. wall charger



2 pcs. lanyards

Single units



ATT 100 Advanced
Tourist Transmitter
Ord.-No. 29902

Optional Accessories



GHS01
Guide Headset
Ord.-No. 29907



Spare battery
for ATT 100
Ord.-No. 29924



Charging cable
for ATT100
Ord.-No.29911



Y-ATR01, Y-cable,
charges two ATR 100 simultaneously
Ord.-No. 29905

Optional Accessories



Travel bag
for up to 12 ATR 100
Ord.-No. 29912



Adapter
micro-USB to 3.5 mm
Ord.-No. 29910



THS01
Tourist Headset
Ord.-No. 29908



CH-ATR01, wall charger
for ATR 100
Ord.-No. 29904



Lanyard for
ATR 100/ATT 100
Ord.-No.9150





› Scanner

With Albrecht scanners and scanner radios you are close to the action. Since the release of scanners, Albrecht has built up a wide selection of models, satisfying beginners as well as professionals. Our policy: we want to offer you high-value scanners at affordable low prices, perfectly engineered and good quality guaranteed!

Although the use of scanners has been liberated in numerous European countries, operators of scanners have to pay attention to the considerable differences in national jurisdiction that still prevail.

MHz			Radio service
26.565	-	27.405	CB-radio
34	-	40	Mobile radio 8 m Band (commercial radio, remote controls, wireless microphones)
47	-	68.4	TV frequencies Band I
50	-	54.4	Ham Radio 6 m Band
68	-	87.5	Mobile radio 4 m Band (commercial radio, police radio)
87.5	-	108	FM broadcast
108	-	118	Civil Air Navigation Band
118	-	136	Civil Air band
136	-	137.5	Weather Satellites
136	-	144	Military 2 m Band
144	-	146	Ham Radio 2 m Band
146	-	174	Mobile radio 2 m Band (commercial radio, police radio, maritime radio)
174	-	230	TV frequencies Band III
230	-	400	Military Air Band
410	-	425	Mobile radio (trunked radio)
430	-	440	Ham Radio 70 cm Band
433.075	-	434.775	Low power devices (LPD)
440	-	470	Mobile radio 70 cm Band (commercial radio, railway radio, Pager)
446.0	-	446.1	Private mobile radio (PMR 446)
470	-	790	UHF-TV Band IV and V
890	-	960	Public Mobile Radio GSM
1240	-	1300	Ham Radio 23 cm Band

Please note that in Germany it is not allowed to listen on every mentioned frequency band.





> ALBRECHT AE 30 H



A handheld scanner with 200 channels, pocket size, especially for air band and FM radio. The switchable bands allow easy frequency change in European countries. Furthermore, this scanner disposes 3 priority channels (1 channel/band), 3 preprogrammed search bands, delay function 0 - 5 sec., lock-out function max. 40 frequencies, key lock, illuminated LC-display indicating channel, frequency and function, 400 mW audio output. Connections for antenna (BNC), ear plugs and external loudspeaker. Supplied with: rubber antenna and belt clip.

- Ord.-No.: 27030

NEW!

> ALBRECHT AE 33 H



This small and compact handheld scanner receives the complete bandwidth of FM-radio in 50kHz steps.

It is equipped with many advanced functions for professional users.

- 9 pre programmed service bands:
  78 - 87,295 MHz: VHF-low (Emergency)
  87,3 - 107,95 MHz: FM radio (50 kHz steps)
  108 - 137 MHz: Airband (AM)
  137 - 174 MHz: 2 m Band (Amateur radio, Freenet, Commercial radio, Marine)
  406 - 512 MHz: UHF (Amateur radio, PMR, Commercial radio, Religious radio)
- 2 selectable country band plans
- Frequency steps: 5/6,25/8,33/10/12,5/20 with 15 Offset/50 kHz
- 180 programmable channels
- 3 Instant Channels
- Memory scan: 30 channels/sec
- Scan delay: 2 sec
- Memory for channel lockout: 40
- Connectors: Antenna (BNC), Stereo earphone (3.5 mm plug)
- Battery indicator
- Key lock
- Illuminated LC-Display
- Power supply: 3 x AA alkaline/ NiMH batteries
- Scope of delivery:
  Alkaline batteries, Belt clip, Rubber antenna, Stereo earphone
- Dimensions: H: 10,4 x W: 5,3 x D: 2,8 cm
- Weight: 100 g

- Ord.-No.: 27033

> ALBRECHT AE 69-2H



A 80 channel scanner, compact design, only 165 g, with 3 band groups, non-volatile memory for settings (EEPROM), hyper search with 180 steps/sec., priority channel, delay function 2 sec., channel skip, illuminated LC-display. Socket for antenna (BNC), earplug/ loudspeaker.
New: now with DC-/charging socket. Supplied with rubber antenna and belt clip.

- Ord.-No.: 27069



> ALBRECHT AE 82 H



This ALBRECHT radio scanner works on the 4 m and 2 m bands (AM, FM, WFM). It features 200 memory locations: 10 memory banks with 20 memory locations each and it ensures with its control knob fast menu navigation.
Further features: steps: 5/6.25/ 8.33 (aircraft radio)/10/12.5/15/20/25/30/ 50/100/500 kHz and auto, key lock, channel/frequency scan, dual channel monitoring, input reducer against over-modulation, selectable scan delay, beep tone on/off, frequency offset (delta) (5/10/15 kHz), display backlight, operation with 4 x AAA batteries/rechargeable batteries, auto energy saving mode

- AE 82 H: Ord.-No.: 27082



> ALBRECHT AE 86 H



► CB Radio/10 m Band AM/FM
► 4 m/2 m Band ► Airband
► FM Radio ► 200 Memories

This ALBRECHT radio scanner works on the 4 m, 2 m and 10 m (AM/FM) bands. It features individual band selection (German and international bands), 200 memory locations, priority channels, selectable scan delay, frequency offset CB and PMR, memory scan 25 channels/sec., frequency scan 25 steps/sec., auto battery saving mode, combi jack for charging and external operation (also 12V) and lots more. In the aircraft radio range the frequency steps is selectable between 5 kHz and 8.33 kHz.

- Frequency range: 25 - 174 MHz (25-30/66-87,5/87,5-108/108-136/144-174 MHz)
- Mode: AM, FM, WFM
- Step: 5/8.33 (airband only)/10/12.5/15/20/25/50/100 kHz and auto
- German and international band plan
- Individual band selection ► 200 memories
- Key lock ► Backlighting ► Scan/Search
- Priority channels
- Frequency offset CB and commercial radio
- Scan delay timer setting ► Beep tone on/off
- Operation with 3 x AA (rechargeable) batteries
- Combined charge and supply socket for ext. power supply or cigarette lighter cable
- Automatic battery save mode
- BNC connector for antenna
- Socket for headphones, 3,5 mm
- Dimensions: H: 11 x W: 6 x D: 3 cm

► Ord.-No.: 27086

> ALBRECHT AE 72 H



With its 12 frequency ranges and 10 preprogrammed search bands this comfortable handscanner offers everything that might be required by an experienced user. Frequency range: 25 - 512 MHz. In the airband area the frequency steps are adjustable from 12,5 kHz to 8,33 kHz. The extremely quick scan (memory scan 50 channels/sec., frequency search 60 steps/sec.) and the unique feature ►hyper search► with 180 steps/sec. allow you to be the first to get informed about news. Frequencies can be stored in 100 memory locations in 10 memory banks. Of course all usual features are available as well, such as battery indicator, key lock, delay function, connections for antenna and much more.

Supplied with: battery and wall charger.

► Ord.-No.: 27072

> ALBRECHT AE 92 H

Like the AE 72 H, this handheldscanner also disposes of 10 preprogrammed search bands and even 13 frequency ranges. Frequency range: 25 - 960 MHz. In the airband area the frequency steps are adjustable from 12,5 kHz to 8,33 kHz. The quick scan (50 channels/sec., frequency search 60 steps/sec.) and hyper search with 180 steps/sec. make searches of information a pleasure. Frequencies can be memorized in 200 memory locations and of course, this scanner as well disposes all usual features, such as battery indicator, key lock, delay function, connections for antenna and much more.

Supplied with: battery/wall charger.

► Ord.-No.: 27092





Specifications

Model	AE 30 H	AE 33 H	AE 69-2H	AE 82 H	AE 86 H	AE 72 H/ AE 92 H	AE 230 H	AE 355 M
Memory locations	200	180	80	200	200	100/200	bis zu 2500 dyn.	300
Frequency ranges	87,5 - 107,9 MHz UKW/FM 108 - 137 MHz AM 137 - 174 MHz FM	78 - 87,295 MHz 87,3 - 107,95 MHz 108 - 137 MHz AM 137 - 174 MHz 406 - 512 MHz	25 - 88 MHz 137 - 174 MHz 406 - 512 MHz	66-87,495 MHz FM, 87,5-108,0 MHz WFM, 108,0-135,995 MHz AM 136-174 MHz FM	25-30,0 MHz AM/FM 66-87,495 MHz FM, 87,5-107,9 MHz WFM, 108,0-137,0 MHz AM 144-174 MHz FM	AE 72 H: 25 - 512 MHz uncontinuous AE 92 H: 25 - 512 MHz 25 - 960 MHz uncontinuous	u.a. 25 - 87.3 MHz, 108 - 137 MHz, 137 - 174 MHz, 400 - 512 MHz, 806 - 960 MHz, 1240 - 1300 MHz	25 - 87.3 MHz, 108 – 137 MHz, 137 – 174 MHz, 300 - 512 MHz, 806-960 MHz
Scanning speed	25 channels/sec.	30 channels/sec.	Hyper Search: 180 channels/sec. 50 channels/sec.	10 channels/sec.	13 channels/sec.	50 channels/sec.	100 channels/sec.	180 channels/sec.
Frequency steps	5/6.25/8.33/10/12.5/15/20/25/50/100 kHz	5/6.25/8.33/10/12.5/20 kHz	5/6.25/10/12.5/20 kHz	5/6,25/8,33 /10/12,5/15/20/25/30/50/100/500 kHz	5/8,33 /10/12,5/15/20/25/50/100 kHz	5/6.25/8.33/10/12.5/20 kHz	5/6.25/8.33/10/12.5/15/20/25/50/100 kHz	5/6.25/8.33/10/12.5/20 kHz
Power supply	3 batteries (AA)	3 batteries (AA)	2 batteries (AA)	4 batteries (AAA)	3 batteries (AA)	included	included	included
Dimensions W x H x D	50 x 105 x 27 mm	104 x 53 x 28 mm	65 x 150 x 40 mm	56 x 116.5 x 35.8 mm	60 x 110 x 30 mm	65 x 150 x 40 mm	68 x 115 x 31,5 mm	132 x 142 x 42 mm
Weight incl. antenna	130 g	100 g	182 g	160 g	200 g	190 g	180 g	640 g
Order No.	27030	27033	27069	27082/ 27083	27086	27072/27092	27230	27055



Racingscanner

> ALBRECHT AE 230 H



- **Racing frequencies**
- **Airband frequencies**
- **Voice radio frequencies (25 - 1300 MHz)**
- **Racing frequencies preprogrammed**
- **Max. 2500 assigned memory locations**
- **Close Call function**
- **Internet update available**



- 18 (19) Frequency ranges include: VHF-low: 25 - 87.3 MHz, Airband 108 – 137 MHz, VHF-high: 137 – 174 MHz, UHF: 400 - 512 MHz, 806-960 MHz, 1240-1300 MHz
- Close Call ™ nearby radio transmission search & capture up to 960 MHz
- 18 (19) Frequency ranges
- 50 CTCSS/104 DCS codes detection
- Memory scan 100 channels/sec. (Scan)
- Frequency scan up to 300 steps/sec. (Search)
- Up to 2500 dynamically assigned memory locations
- Airband steps 8.33 and 12.5 kHz selectable
- Frequency steps: 5/6.25/7.5/10/12.5/15/20/25/50/100 kHz
- 200 search and Close-Call lockout memory locations
- 10 user programmable search bands
- 1 Service search range ► Scanning delay: 0 - 5 sec.
- Non-volatile memory for settings (EEPROM)
- Connectors for: Headphone (8 - 64 Ohms) Power supply/Wall charger 230 V AC to 6 V DC, 500 mA, Antenna (BNC), PC + Cloning cable (4 pin mini)
- Internal power supply: 2 x AA rechargeable batteries or Alkaline batteries
- Dimensions: L: 68 mm x H: 115 mm x D: 31,5 mm
- Weight: 180 g

Supplied with:
AE 230 H incl. headphone, 2 rubber antennas (different frequency ranges), belt clip, 2 rechargeable batteries (2 x AA NiMH 1800 mAh), wall charger/power adaptor 230 V AC carrying strip, RS 232 connecting cable for PC programming

- Ord.-No.: 27230

Optional accessories:
ARC230 - programming software for the AE 230 for easy programming and controlling of the scanner.

- Ord.-No.: 27235



> ALBRECHT AE 355 M



This new mobile radio scanner comes with an adjusted German frequency band plan, 7 preset frequency banks (EMG, FRN/PMR, Air/Marine, CB AM/10m FM), 300 frequency memories, a scan speed of 180 channels/sec, channel and frequency search as well as time display and much more. The frequency steps Auto, 5 kHz, 6.25 kHz, 8.33 kHz (Air), 10 kHz, 12.5 kHz, 20 kHz with offset (4m band) are switchable and the ultra-fast close range scan with a range of approx. 100m and the skip function round off the comfort. It goes without saying that this mobile scanner is also equipped with all other popular features, such as battery indicator, keypad lock, search delay, antenna connectors and much more.

23 frequency bands: CB, 10m, 4m, air, weather, 2m amateur radio, 2m private mobile radio, marine radio lower band/ upper band, UHF private mobile radio and 900 MHz

- Best.-Nr.: 27055

> Aircontrol M8/M9

Low cost handheld multi band receiver with modern features such as power control LED and volume-/squelch-control, terminals for earphone/external speaker and power supply (6 V).

Specifications:
- Frequency ranges:
  26 - 28 MHz
  54 - 108 MHz
  108 - 179 MHz
- Teleskopic antenna
- Squelch controller
- Connection earphone 3,5 mm e.g. OH-2 (Ord.-No.: 71450) and externally speaker
- Current supply: 4 x batteries AA and 6 V DC power supply
- Dimensions (M8): 88 x 210 x 48 mm
- Dimensions (M9): 70 x 160 x 55 mm
- Weight (M8): 376 g (without batteries)
- Weight (M9): 230 g (without batteries)
- M9: Incl. 2 Front screens

- **Aircontrol M8** Ord.-No.: 27040
- **Aircontrol M9** Ord.-No.: 27042



Aircontrol M9



Aircontrol M8



Adapter for Handheld Scanner



Switchable 12 Volt adapter
for handheld scanner:
AE 69-2H, AE 72, AE 92, AE 230

► Ord.-No.: 73730

Flexible earphone



OH-2
Flexible, dynamic mono earphone with 3,5 mm connector for easy fixing on ear.

► Ord.-No.: 71450

Wall adapter for Handheld Scanner



Wall adapter with polarity switch for use with handheld scanner:

AE 69 H, AE 72 H, AE 92 H, AE 230 H
AE 55 H, AE 65 H, AE 67 H, AE 105 H,
AE 600 H

► Ord.-No.: 73671

Universal mobile holder



Universal mobil holder for use with handheld scanner and transceiver. Easy mounting on a car´s vent grille.

► Ord.-No.: 75205

Window clip mount



Window clip mount for use with antennas with BNC connector. Comes with 2,5 m RG 174/U coaxial cable and mounted BNC plug. Optimum suitable for Ham radio, scanner and CB-transceiver.

► Ord.-No.: 6676

Mini mag mount BNC



Very strong mini magnet mount (Ø 35 mm). With BNC female mount for rubber and short telescopic antennas. Comes with 2,4 m low loss RG 174 cable with mounted BNC male connector.

► Ord.-No.: 6677

Mag mount antenna

Miniscan
Minimagnet antenna mount for scanner, Ham radio. Comes with 2,7 m RG 174 cable with BNC plug.

Frequency range:
0,5 - 2060 MHz (RX),
145 - 435 MHz (TX)
Power rating: max 40/25 W
Length: 32 cm
Connector: BNC

► Ord.-No.: 6158



Magnet and vacuum mounting

AE Handscan



Telescopic scanner antenna with very good receiving capability which can be used as a receiving antenna, as well as amateur (2 m/70 cm) band transmitting antenna.

Frequency range:
25 - 1300 MHz
Length: 66 cm
Connector: BNC

► Ord.-No.: 6157

AE Maxiscan



Flexible wideband scanner antenna with very good receiving results in the 4 m and 2 m band. With BNC connector.

Frequency range: 25 - 1300 MHz
Length: 32 cm

► Ord.-No.: 6156

Sky Scan Mag 1300



Mobil magnet scanner antenna for 25 - 1300 MHz. Length about 60 cm. Comes with cable and BNC connector.

► Ord.-No.: 61680

Scanner Accessories

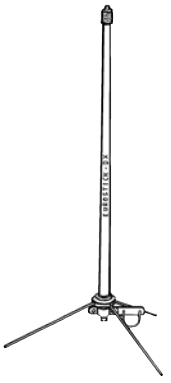


Multiscan DX

The ideal space-saving scanner antenna that can be installed in any place such as attic, balcony etc. Comes with mounting set and PL/SO-239 terminal.

Frequency range: 60 - 525 MHz

► Ord.-No.: 6167

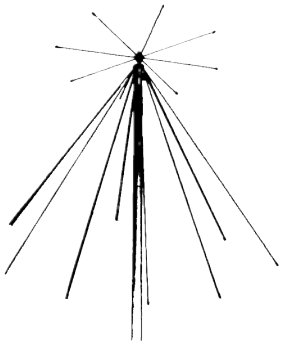


Eurostick DX

Wide band scanner antenna with 3 radials. Can be installed in any place such as attic, balcony etc. Comes with mounting set and PL/SO 239 terminal.

Frequency range: 25 - 2060 MHz

► Ord.-No.: 6164



Sky Band

A discone scanner antenna which can be used as a receiving antenna as well as amateur band transmitting antenna. The radiators are made of stainless. For mounting mast of max. 35 mm diameter.

► Ord.-Nr.: 6161



AE Desktop 1300

Baseantenna for 25 - 1300 MHz. Very compact so ideal for home or balcony use. Length about 1,1 m radials 8 x 20 cm. Comes with cable and BNC plug.

► Ord.-Nr.: 61690



Allband

High performance discone antenna which can be used as a receiving antenna as well as for transmission use on several ham radio frequencies. Made of stainless steel, chromed brass and eloxed aluminium. Easy to install; comes with So-239 connector.

Frequency range:	RX 25 - 1300 MHz TX 49 - 51, 120 - 180 MHz, 215 - 300 MHz (UHF)
Power rating:	200 W UHF, 300 W (VHF)
Length:	170 cm
Connection:	SO 239

► Ord.-No.: 61700

This antenna is suitable to transmit and receive on all stated frequencies. Suitable for all scanners and radios.

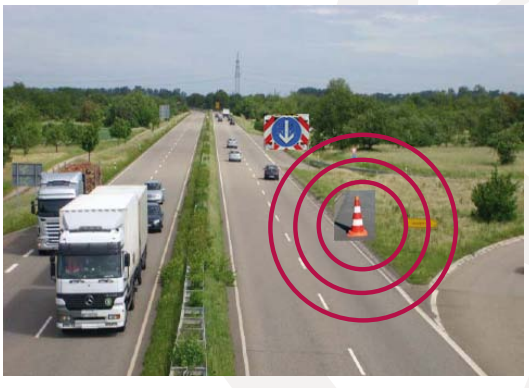
Specifications						
	Multiscan DX	Eurostick DX	Sky Scan Mag 1300	Sky Band	AE Desktop Mag 1300	Allband
Frequency range MHz	60 - 525	25 - 2060 TX 144/440/ 900/1290	25 - 1300	RX 25 - 1300	25 - 1300 72-144, 220-400, 900-1290	25 - 1300
Power rating				max. 200 W		max. 300 W CB 200 W VHF/UHF
Length	100 cm	120 cm	64 cm	74 cm	101 cm	170 cm
Ord.-No.	6167	6164	61680	61680	61690	61700





CB-Radio

On the road again...
Do you travel across Europe? On the road? You want to communicate with others? You want to get the latest news about the road-condition by other CB users?



In some german states (Bavaria, North Rhine-Westphalia and Saxony) **a CB radio waning system for construction sites** has been established for accident prevention on german highways. A transmitter, the corepart of the system, sends repetitiously recorded voice warnings within the range of 300 m of the construction area to enhance alertness of approaching drivers about the danger of the coming scene. The message „Attention Construction Site" can be broadcasted on different channels in seven different languages.

Statistics state that 75% of all trucks have a cb mobile radio aboard. Polish trucks amount to 96% while in Germany registered trucks make up 65%.

All ALBRECHT and MIDLAND CB mobile radios can receive these warning messages.



Albrecht - Leading in new ideas:
Albrecht has consequently applied the European R&TTE directive and it's possibilities, which has replaced the former national approval mark systems by the European CE marking system. All Albrecht Multi-Standard CB radios have a country switch system and can be used in most European countries in (minimum) one of the 3 or more available switch positions: It depends on the member state's frequency application, which of the country switch position(s) you may use in the region where you are: 40 CH FM everywhere and in some countries, which do not yet allow AM or SSB, 40 FM/40 AM/40 SSB in nearly all countries (the EN 300 433 Standard) and 80/12 (covering the additional German channels 41 to 80 inside of Germany except base station use in defined border regions).

My hobby CB-Radio
Some Restrictions apply on use of the 80 German channels: channel numbers 41 to 80 may unfortunately not be used everywhere: in the border areas of the neighbouring countries, apart from the Czech Republic: Base stations are not allowed to transmit in border regions on these channels, or you need a special licence of the German authority (BNetzA).

Using your radio set in other countries
Even with the common CE marking, there are still some special national requirements in a few countries. Manufacturers have been obliged to inform users clearly by statements on the gift box and in the user manual about regional restrictions to use CB radio. Albrecht has issued a unique „Radio Passport" which will always provide you with the latest relevant information with your CB radio. The „Radio Passport" can be downloaded at any time from the Albrecht homepage as a real help in police controls to show that your radio is legal. Users are responsible to have an official licence, where necessary (see country list in the user manuals) and to use only the allowed channel combinations in multi-standard radios.

New CB regulation:
Now the high power mode is permitted in Germany as well as all other EU member states and most CEPT countries in the future:
FM (4 Watts), AM (4 Watts) and SSB (12 Watts) as well in all EU member states and most CEPT countries in future. All Albrecht CB radios are prepared to meet the new standard's higher output power levels and the radios can be switched to the new limits as soon as they will be published.

CB portable radio incl. SSB

> ALBRECHT AE 5890 EU

The new mobile radio AE 5890 EU - our first full multichannel SSB CB transceiver is a complete new development
and only optical similar to its predecessor AE 5800.

The AE 5890 EU is already pre-equipped with the higher transmission power for the new European standard:
4 Watt AM and FM, 12 Watt SSB.

Radio amateurs with license are allowed to modify their AE 5890 EU to the 10 M band (28.0000 – 29.7 MHz) with plenty of power: 10 Watt AM, 30 Watt FM, 30 Watt SSB!



► **AE 5890** Ord.-No.: 12589

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W · 40 SSB/12 W
- **UK and int.**: 40 FM/4W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W · 40 SSB/12 W
- **Po:** 40 FM/4 W · 40 AM/4 W · 40 SSB/12 W

Specifications
- Up/down Scan and Memo Scan
- LCD with frequency/channel indication
- RF- and Mic-Gain via software keys
- Dual Watch, CH 9 and CH 19 switching
- Separate knobs for Volume, Squelch and Clarifier
- Adjustable power
- 10 steps S - and PWR Meter
- 5 programmable memory channels
- Menu functions: Beep, Roger Beep, Transmit, Time-out-timer, 7 illumination colors
- 6 pin Mic socket, powerful speaker socket
- SHIFT and RPT functions for amateur radio use



7 illumination Display-Color options

CB mobile radio

> ALBRECHT AE 6891

Detachable front section with bracket for dashboard mounting





Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W
- **UK and int.**: 40 FM/4W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W

Specifications
- 5 Country switching by software operation
- Channels selectable by UP/DN keys on the unit and microphone
- Big graphic LC display (47 x 20 mm) for channel, S- and power meter, frequency and status icons
- Channel/frequency display selectable
- RF gain switch for local/DX operation (LOC)
- Die cast back panel with heat sink (for longer QSOs)
- AM-FM switch
- 3 memory channels
- Scan functions for all channels (SC) or special channel dual watch (DW)
- Channel 9 direct key
- Key tones on/off
- Flash-EEPROM memory for last setting
- Remote cable length about 2 meters



► **AE 6891** Ord.-No.: 12691

Different specifications AE 6790 and AE 6891		
	AE 6790	AE 6891
ASQ Auto Squelch		X
3 channel memory	X	
4 channel memory		X
Dimmer		X
Channel selection knop		X
Up/Down channel selection button	X	
Microfon sensitivity switchable		X
Roger Beep		AM/FM
Tone squelch		X



We grant you 3 years manufacturer's warranty for the AE 6891 and AE 6790.

CB mobile radio

> ALBRECHT AE 6790

Detachable front section with bracket for dashboard mounting

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W
- **UK and int.**: 40 FM/4W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W

Specifications
- 5 Country switching by software operation
- Channels selectable by UP/DN keys on the unit and microphone
- Big graphic LC display (47 x 20 mm) for channel, S- and power meter, frequency and status icons
- Channel/frequency display selectable
- RF gain switch for local/DX operation (LOC)
- Die cast back panel with heat sink (for longer QSOs)
- AM-FM switch
- 3 memory channels



► **AE 6790** Ord.-No.: 12679

- Scan functions for all channels (SC) or special channel dual watch (DW)
- Channel 9 direct key
- Key tones on/off
- Flash-EEPROM memory for last setting
- Remote cable length about 2 meters

3 years warranty!

We grant you 3 years manufacturer's warranty for the AE 6891 and AE 6790.

CB mobile radio incl. CTCSS

> ALBRECHT AE 6690

Tone squelch (pilot tone or CTCSS) is a new function in CB radio communication.
This tone squelch replaces the conventional squelch, which reacts on a weaker noise or an increasing field strength. Instead there is an inaudible deep tone in every transmission. This tone will be interpreted by the partner station if this station also is equipped with this function.
The loudspeaker will only turn on, if the device „hears" this tone.
So you can build an own group with your friends and colleagues and everybody in this group can listen to the other ones.
With activated TSQ the normal squelch is not activated. The radio has the ability to decode the CTCSS codes always in the best sensitivity and does not react to any noises or external signal without CTCSS.

- Theoretically there are 48 user groups on each channel possible.
- The first 38 tones are internationally standardised, the codes from 39 to 48 are additionally possible with other AE 6690 at the distant partner stations only.

CTCSS codes are often also described as Sub Channels or Pilot Tone system. This function is also ideal for CB gateways!

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W
- **UK and int.**: 40 FM/4W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W



► **AE 6690** Ord.-No.: 12669.4

3 Display-Color options
- ► Blue backlight ► Red backlight
- ► Blue backlight in RX mode and red backlight in TX mode

Specifications
- Special channel (SCH), 3 memory channels
- Scan functions for all channels (SC) or special channel dual watch (SW)
- Channel 9 direct key
- Key tones and Roger beep selectable
- Time-out-Timer for transmission limitation
- Automatic Squelch ASQ and manual squelch SQ
- Channel / frequency display selectable
- Flash-EEPROM memory for last setting
- Outside EU and R&TTE extendable to 240 channels

3 years warranty!

We grant you 3 years manufacturer's warranty for the AE 6891 and AE 6790.

CB mobile radio

> ALBRECHT AE 5090 XL

AE 5090 XL mobil CB Transceiver with 5 country settings! Outside EU and R&TTE extendable to 400 channels, max. 10 W. Clear and well arranged front panel, as well as excellent display. It is easy to use with rugged controls and large keys. This fantastic mobile cb-radio is the perfect companion for the frequent traveller, who won´t go for second-best. Microprocessor driven with highly sensitive RX, this mobile cb-radio can also be used at home.

Country Codes
- **D old:** 80 FM/4W · 40 AM/1 W
- **EU old.**: 40 FM/4 W · 40 AM/1 W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W



► **AE 5090 XL** Ord.-No.: 12295

Specifications

► Display color selectable: red or blue ► Displaycolor double-stage (dimmer) ► ASC Noise Suppression (patent by GPE) now adjustable, separate from squelch settings! ► RF- and Mic Gain ► Channel memory by EEPROM ► Scan Functions ► DW (Dual Watch) ► Dimmer ► Channel selection by rotary knob and up-/down buttons at microphone ► Up-/Down-Scan ► Memo Scan ► 5 programmable memory channels, separately for AM and FM ► Multifunction LC display with S-Meter, Modulation-/Power-Meter, status- and channel display ► 6-pin Mic connector - usable for up/down mics or Packet radio modems ► External S-Meter socket ► Up-/Down-Scan ► Memo scan external speaker socket ► Detachable DC power cable





CB mobile radio

> ALBRECHT AE 6490/AE 6491

Europe CB radios with front speaker and DIN-size mobile mounting bracket.

The latest generation of CB transceivers with wide angle LCD guarantees legibility from every perspective. The three watt front speaker provides a clear sound.

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W
- **UK und int.**: 40 FM/4W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W

Specification
- Wide angle graphic LCD display for channel, S- and power meter, frequency and status icons
- AM-FM switch
- 6 pin microphone socket on the front panel
- 5 memory channels
- Scan functions for memory channels
- Channel 9/19 direct key
- Key tones and Roger beep selectable
- Automatic squelch ASQ and manual squelch SQ
- Channel/frequency displayed simultaneously
- Channel selection with rotary switch
- Electret microphone with up/down/ASQ buttons



- 50 Ohms antenna PL connector
- External speaker socket (3.5 mm)
- Flash-EEPROM memory for last setting
- 2 colors selectable for LCD backlighting
- Dimmer for LCD backlighting
- Front speaker

► **AE 6490 - 12 Volt**

Ord.-No.: 12649.4

► **AE 6491**
with automatic voltage adaption for 12 and 24 Volt

12/24 Volt

Ord.-No.: 12648

CB mobile radio

> ALBRECHT AE 5290 XL

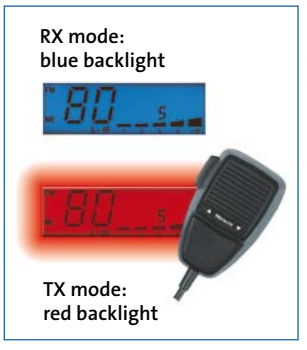
Our popular CB radio AE 5290 comes completely new as the XL version. New backlight, new black front panel and new country switching.

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W

Specifications
- Outside EU and R&TTE extendable to 240 channels, max. 10 W
- Channel selection by rotary knob and up/down buttons at microphone
- 5 programmable memory channels
- memo scan
- LC display with s-meter
- power-meter
- status- and channel display
- 6 pin mic connector
- external s-meter and speaker socket
- Detachable DC power cable ▸ Dimensions: L: 14, D: 19, H: 4 cm
- Weight: 830 g



▸ **AE 5290** Ord.-No.: 12590



3 Display-Color options
- Blue backlight ▸ Red backlight
- Blue backlight in RX mode and red backlight in TX mode

CB mobile radio

> ALBRECHT AE 6190 HD-X

This Albrecht CB Radio AE 6190 HD-X, developed and manufactured in accordance with the latest CB regulations, offers you:

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W

Specifications
- Channel selection UP/Down buttons on the radio and at the microphone
- Channel scan button at radio
- Direct channel switching to CH 9 at radio
- LC display for channels and status
- 6-pin standard microphone socket, suitable also for amplifier microphones, selective calling systems or Packet Radio modems/TNC's
- Socket for external loudspeaker

Your AE 6190 HD comes with the following accessories:
- Mobile mount
- Fixed connected DC power cable with looped-in fuse
- Electret hand-held microphone with pre-amplifier and up/down buttons
- Microphone hanger
- Various screws to fasten the radio and microphone fixing devices
- User manual with Radio Passport



▸ **AE 6190 HD-X** Ord.-No.: 12619.4

New HD-X version:

- **Flash memory for last settings**
- **country switching for new regulations**
- **Illumination by LED**
- **Top AM modulation**

We grant you 3 years manufacturer's warranty for the AE 6891 and AE 6790.

CB mobile radio

> ALBRECHT AE 4200 R



Our well known AE 4200 in a reduced version with red LED display and without CH 9/19 or scan function. A CB-Radio for all, simple to use. The large display is easy-to-read. The radio provides separate volume and on/off power switch and fine adjustable squelch control. TX/RX and FM indicator, 4-pin mic socket at the front, speaker socket at the back.

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W
- **EC:** 40 FM/4 W
- **E new:** 40 FM/4 W · 40 AM/4 W

Specifications
- Large display ▸ Emergency channel 9 switch
- Channel memory ▸ Microphone
- Dimensions: 130 x 35 x 170 mm ▸ Weight: 700 g



- **AE 4200 R** Ord.-No.: 12010.4

CB/SSB Portable Transceiver

> ALBRECHT AE 2990 AFS



Features:

Country Codes
- **D new:** 80 FM/4W · 40 AM/4 W · 40 SSB/4 W
- **EU alt.**: 40 FM/4 W · 40 AM/1 W · 40 SSB/4 W
- **UK and intational**: 40 FM/4W
- **E new:** 40 FM/4 W · 40 AM/4 W · 40 SSB/4 W
- **Po:** 40 FM/4 W · 40 AM/4 W · 40 SSB/4 W

Specifications
- Selectable Hi/LOW Power: Low power output mode will give the user significantly longer battery life.
- CH 9/19
- Lock: The Lock feature allows the user to ▸LOCK▸ all of the button
- SQ setting: Adjusts the squelch setting (memorized with bar graph)
- RF-Gain: Allows optimizing the incoming signal
- Battery Case: Slide on battery case, which contain 9 ▸AA▸ batteries (not included)
- CB approved according to the European norm EN 300 433-2 and EN 300 135-2
- Ham radio version will be available (AM/FM/SSB 4W)
- Dimensions: L: 40 cm (excl. antenna 18,4 cm), W: 6,5 cm, D: 3,2 cm
- Weight: 300 g

- **AE 2990 AFS** Ord.-No.: 10190

Optional accessories

Mobile set 1
Mobile set for in-care use. Connecting cable with power adapter 12 V and lighter plug ▸ Ord.-no.: 10109



Mobile set 2
Connecting cable with PL antenna socket for external mobile antenna and 12 V power adapter + lighter plug ▸ Ord.-no.: 10108



Empty battery pack
For 9 AA NiCd bateries with combined jack for power supply and charging function.
▸ Ord.-no.: 10103

Desktop charger
Automatic desktop charger
▸ Ord.-no.: 10106



12 V Cig. lighter cable
Power supply cable with 2 A fuse and control LED, lengt: 2,30 m.
▸ Ord.-no.: 7575



24 V Cig. lighter cable
1200 mAh/DC/DC converter, 12/24 V.
▸ Ord.-no.: 73751



SM 500
Lautsprecher-Mikrofon, L-Stecker, mit rotierendem Clip, wassergeschützt (IP54)
▸ Ord.-no.: 41750



DIN size mobile mounting bracket

DIN size mobile mounting bracket.
Fits into most car radio installation slot.



For AE 6190,AE 6690
► Ord.-No.: 75430



For AE 5090, AE 5800, AE 485 W and AE 5890
► Ord.-No.: 75440



► For AE 5290
Ord.-No.: 75450, black
Ord.-No.: 75451, silver



For AE 4200 MC, AE 4200 R
► Ord.-No.: 75480

CL 27 BNC



High flexible BNC fiberglass antenna e.g. for AE 2990 AFS, MIDLAND 42 Multi with very good transmitting/ reception results. Power rating max. 50 W, length 54 cm.

► Ord.-No.: 6577

TNC connection
► Ord.-No.: 6578

Slip-on rubber antenna



Flexible slip-on rubber antenna, useful for all handheld CB´s with telescopic antennas like AE 2100 with a diameter of 10 mm, frequency range: 27 MHz, length: 25 cm.

► Ord.-No.: 6580

Cig.-lighter plug



Cigarette lighter plug, simple type.

► Ord.-No.: 7570

DC static converter MW 292

Car charger cable, 12/24 Volt

► Ord.-No.: 73751



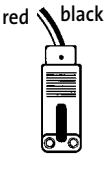
DC cable

For AE 5800 and AE 485 W

► Ord.-No.: 58195

For AE 6690/6890/6891/6790
► Ord. No. 58169





NC B 302
oval 2- pin

► Ord.-No.: 5812



NC B 303
3- pin, with 2 cables
e.g. AE 5090

► Ord.-No.: 5813

Function list

EQUIPMENT	MOBIL RADIOS									HANDHELD RADIO
	AE 5890 EU	**AE 6891**	**AE 6790**	**AE 6690**	**AE 5090 XL**	**AE 6490/ AE 6491**	**AE 5290 XL**	**AE 6190 HD-X**	**AE 4200 R**	**AE 2990 AFS**
Channel selection (rotary button = DK, Up/Down= U/D)	DK, U/D	DK	DK	DK	DK	UD	DK	U/D	U/D	U/D
Up/Down-Microphone inclusive	X	X	X	X	X	X	X	X		
Audio output (W/Ω)	6/4	4/8	4/8	4/8	3/8	3/8	3/8	4/8	3/8	0,5/8
Scan (U/D= Up/Down)	X	X	X	X	X	X	X	X		X
Number of memories	5	4	3	3	5	5	5			5
Memo-Scan (U/D= Up/Down)	5	X	X	X	5	X	X			X
Dual Watch	X	X		X	X					X
Direct channel access	9/19	9/19	9/19	9/19	9/19	9/19		9/19		9/19
Display (LED/LCD)	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LED	LCD
S-Meter	10	8	8	9	5	10	5			9
Adjustable mic-gain	software	high/low		high/low	X					X
Adjustable RF-gain	software	loc/DX	loc/DX	loc/DX	X					X
Albrecht Super Squelch (ASC) (patent by GPE) /ASQ		ASQ		ASQ	ASC	ASQ				
S-meter socket		2,5 mm			2,5 mm		2,5 mm			
Speaker socket	3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm
Microphone socket	6 pin	6 pin	6 pin	6 pin	6 pin	6 pin	6 pin	6 pin	4 pin	2,5 mm
12 V DC supply	X	X	X	X	X	X	X	X	X	X
Characteristics	Display, color change-over, SSB	Removable display, wide angle-display	Removable display, wide angle-display	CTCSS, wide angle-display	Display color change-over	Display color change-over, dimmable	Display color change-over, wide angle-display	wide angle-display		Handheld radio
Dimensions (W x H x D)	24,5/155/55	14/14,5/53	14/14,5/53	14/14,5/4	15/19/5,5	18/15/5	14/19/4	14/14,5/4	13/19/3,5	7/4,5/18
Weight g	1300	980	980	870	1060	1027	830	820	800	280
Country standard	D new, UK EC, E, Po	D new, UK EC, E, Po	D new, UK EC, E, Po	D new, UK EC, E, Po	D old EU, EC, Po, E	D new, EC, Po, E, UK	D new, EC, Po, E	D new, EC, E, Po	D new, EC, E	D new, EU old, Po, E new, EU
Order No.	12859	12691	12679	12669.4	12295	12649.4 12648	12590	12619.4	12010.4	10190

Country standards - channels - power - frequency range

Country standards	D old	D new	EU old	EC	Po	E new	UK
Channels FM/AM/SSB*	80/40/40	80/40/40	40/40/40	40 FM	40/40/40	40/40/40	40 FM (UK)/40 int.
Power	4/1/4 W	4/4/12 W	4/1/4 W	4W	4/4/12 W	4/4/12 W	4 W
Frequency range (MHz)	26,565-27.405	26,565-27.405	26,965-27.405	26,965-27.405	26,960-27.400	26,965-27.405	27.60125-27.99125

*SSB only with AE 5890 EU





Ham Radio

A short abstract of history.
Amateur radio (▸Ham Radio▸) is an officially allocated radio communications service, open (almost) worldwide to amateur radio enthusiasts if they have taken an appropriate examination and have obtained an amateur radio licence from their telecommunications authority. The amateur radio examination is necessary because it even gives you the right to build your own radio sets or to modify purchased equipment for your own purposes without needing any approvement for it. Restrictions for industrially produced sets occur only from the EMC and R&TTE directive of the EU (ready-made sets must show a certain minimum of EMC-safety in accordance with EN-Standards), for the other technical parameters such as compliance with permitted amateur radio frequency ranges and transmitting power each radio amateur is responsible himself. Certainly there are also EU countries which require restricted frequency ranges on VHF/UHF on amateur radio sets for sale in the trade such as Austria, France and Spain. Even if many amateur radio sets have a wider frequency in Germany, radio amateurs are only allowed to operate on the frequencies made available to them, apart from specific possible emergency situations. Amateur radio sets must definitely not be used for other purposes even if this would technically be possible.

Information obtainable from
DARC Deutscher Amateur-Radio-Club e.V.
Lindenallee 6
34225 Baunatal
Fax: 0561 9 49 88-61
e-mail address: info@darc.de
From DARC you can also find out about the licence class 3 and obtain the forms for the licence examination.



Handheld Ham Radio transceiver

Dual-Band Ham Radio

> ALBRECHT DB 275

A 2 m/70 cm UHF/VHF handheld ham radio with dual frequency, dual display and dual standby working modes.

Specifications:

- Frequency ranges 136-174 MHz & 400-470 MHz (ranges can be limited by PC programming)
- Simultaneous display of both bands
- Wire clone function (optional connecting cable necessary)
- Programmable by computer (optional programming set)
- Standard „Kenwood" style headset duo plug wiring system (2,5 mm for speaker/3,5 mm for microphone/PTT with 12 mm gap between the sockets)
- 99 + 1 call / emergency channel memories
- VOX function
- Background display Illumination
- High/Low power selection 5 / 1 W VHF, 4 / 1 W UHF
- Wide/Narrow bandwidth selection (25KHz/12.5KHz)
- Channel / frequency display modes
- 104 groups DCS codes / 50 groups CTCSS codes
- Repeater operation with selectable OFFSET & +/- shift up to 69.9 MHz
- 1750 Hz tone burst for European repeater access
- Busy Channel Lockout (selectable)
- Transmit Over Timer (selectable)
- Step 5K/6.25K/10K/12.5K/25K for 2 way communication, 100 kHz for Wideband Broadcast Radio Receiving
- Keyboard lock (Auto/Manual)
- Multiple scan modes
- ANI code transmission & display (automatic number ID code transmission & display)
- DTMF code transmission with manually selectable transmission length possible
- Humidity protected plastic covered headset-sockets ▸ PTT button
- Monitor button (squelch open), switching to FM Broadcast Radio Listening
- DTMF/Call/1750 Hz button



▸ **DB 275** Ord.-No.: 36275



Optional accessories

Headset MA 21-LK
▸ Art.-Nr.: C709.04



Mikrofon MA 22 K
▸ Art.-Nr.: C844

Akkupack, 1200 mAh
▸ Art.-Nr.: 36276

Programmierkabel DB 275
▸ Art.-Nr.: 36277



▸ **DB 271** Ord.-No.: 35271

Dual-Band Ham Radio

> ALBRECHT DB 271

Model with accessory sockets for the ALBRECHT/MIDLAND Standard Duo-plug (2.5 mm for microphone/3.5 mm for speakers with 10 mm gap between the sockets).

Dual-Band, Dual-Display, Dual-Frequency and Dual-standby
A/B key : switch Band A or Band B
TDR key: switch dual or single band
Digital FM radio function
Automatic tuning and storing (20 max.) also with frequency display.
You can select from 76 - 108MHz, almost covers all radio stations in the world.

Specifications

- Dual Frequency, Dual Display and Dual Standby
- VHF&UHF, UHF&UHF or VHF&VHF working modes
- Frequency Range: 136 - 174MHz, 400 - 470MHz, 136 - 174MHz, 245MHz, 136 - 174MHz, 450 - 520MHz
- Bright flashlight illumination function ▸ Voice prompt (Chinese/English)
- 128 memory channels ▸ VOX function ▸ High/low power selection
- Digital FM radio (automatic tuning and storing, radio frequency display)
- Low-voltage voice prompt ▸ Wide/narrow bandwidth selection (25KHz/12.5KHz)
- Channel name edit and display ▸ 105 groups DCS/50 groups CTCSS
- Stopwatch function ▸ Busy channel lockout ▸ Transmit over timer
- Step (5K/6.25K/10K/12.5K/25K/50K/100K ▸ Multiple scan modes
- Keyboard lock (Auto/Manual) ▸ Wire clone function
- Programmable by computer
- Dimension W/H/D: 58 x 105 x 38 (mm) ▸ Weight 250 g

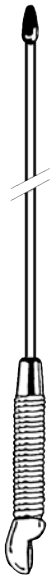


Optional accessories

Car cable for charger
▸ 12 Volt, Ord.-no.: 7571

Adapter
▸ 12 Volt, Ord.-no.: 35279

Leatherbag
▸ 12 Volt, Ord.-no.: 35277



MGA 108 - 550

1/4 wave antenna whip made out of stainless steel. Comes with stainless steel spring. Supplied with cutting chart for frequency setting. To be mounted on a DV base.

SWR:	<1,2
Frequency:	108 - 550 MHz
Bandwidth at V.S.W.R. 2:1:	16 MHz at 140 MHz
V.S.W.R. at res freq.:	< 1,4:1 at 140 MHz
Max Power:	100 W
Height (approx.):	670 mm

► Ord.-No.: 6239



SMA 47/135 Dual Band

5/8 wave open coil whip made out of stainless steel. Supplied with cutting chart for frequency setting. To be mounted on a DV base.

Gewinn/Gain:	1,5 dB
SWR:	<1,2
Frequency:	135 - 175 MHz turnable 46.5 - 61.5 MHz
V.S.W.R. at res freq.:	< 1,2:1 at 140 MHz
Max Power:	100 W
Height (approx.):	1505 mm

► Ord.-No.: 6237



Dualband antenna

140 - 150 MHz/430 - 440 MHz, Length 53 cm

► Ord.-No.: 62381



MGA 108 - 550 DV-S

1/4 wave antenna whip made out of stainless steel. Comes with stainless steel spring. Supplied with cutting chart for frequency setting. Incl. DV-S mount and 5 m cable.

Frequency:	108-550 MHZ
Typ:	1/4 Lambda
Max. Power:	100 W
Antenna whip (cm):	70,5cm
Antenna whip:	Stainless steel
Specials:	Stainless steel spring

► Ord.-No.: 6245



Miniscan

Minimagnet mount scanner, Ham radio antenna. Comes with 2,7 m RG 174 cable with BNC plug.

Frequency range: 0,5 - 2060 MHz (receipt/RX), 145 - 435 MHz (send/TX)
Powerrat: max 50/25 W
Length: 32 cm

► Ord.-No.: 6158



DV-S antenna mount

DV-S-antenna mount, flat type.
Installation hole 13 mm.

► Ord.-No.: 67800

DMC 2



High quality dynamic microphone with 4 pin connector for use with various transceivers.

Wiring:

1. Audio/AF	3. PTT RX
2. Ground/GND	4. PTT TX

► Ord.-No.: 41991

Densei EC 2002



High quality echo microphone.

Impedance:	3000 Ohm
Sensitivity:	-62±3 dB
Frequency response:	150 Hz - 3500 Hz
Weight:	225 g
Dimensions:	100 x 68 mm
Microphon:	Omni-directional electret condenser
Power supply:	9 V Batterie

► Ord.-No.: 4215

Replacement microphones



Replacement microphone with electret capsule and 4 pin connector for e.g. AE 4200R

► Ord.-No.: 41982

Replacement microphone for AE 4200 MC with CH 9/19 and scan button and 6 pin connector.

► Ord.-No.: 41976

AE 4197



Original electret replacement microphone with Up/Down channel exchange controls for use with ALBRECHT transceivers, comes with 6 pin microphone plug.

► Ord.-No.: 4197

DMC 520 -6/-4



DMC 520-6
High quality dynamic microphone in a classical design complete with 6 pin microphone plug as per ALBRECHT/GDCH standard.

► Ord.-No.: 41966

DMC 520-4
Same as above but with 4 pin microphone plug (AE 4200 as well).

► Ord.-No.: 41964

DMC 520 U/D
Same as 41966, but with up/down buttons for channel selection.

► Ord.-No.: 41965

ALBRECHT SM 500 speaker mike



Speaker microphone
This lightweight, mini sized microphone is designed for light duty applications. Each unit features a powerful speaker as well as a high quality condenser-style microphone element that produces excellent transmitted audio clarity. A 360 degree revolving stainless clip on the back of the microphone can be secured to the user´s lapel or shoulder. This unit is made to meet IP-54. Connector: 2.5/3.5 mm

► Ord.-No.: 41750

ALBRECHT SM 400 speaker mike



A loudspeaker microphone with clip and helix cable.

► Ord.-No.: 41780

Specifications					
Microphone	Densei EC 2002	DMC 520 -6/-4	DMC 2	AE 4197	SM 400/500
Sensitivity	1 mV/µbar	0,3 mV/µbar	0,3 mV/µbar	2 mV/µbar	2 mV/µbar
Max. output level	ca. 100 mV	30 mV	30 mV	200 mV	200 mV
Frequency range	150 - 3000 Hz	300 - 7000 Hz	200 - 5000 Hz	100 - 8000 Hz	100 - 7000 Hz
cartridge	electret	dynamically	dynamically	electret	electret
power supply	9 V battery			Microphone connector	Microphone connector
Ord.-No.	4215	41966/41964 41965	41991	4197	41780/41750

Microphone spiral cable



6-pin mic cord, spiral type, length:1,50 m

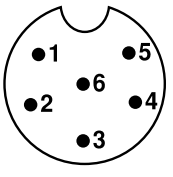
► Ord.-No.: 7620

6-pin mic cord, spiral type, length 2,80 m.

► Ord.-No.: 7621

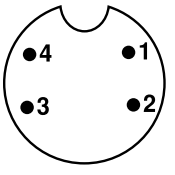
Albrecht Mike connectors

Solder-side 6 pin microphone connector



1 = Audio/Modulation
2 = PTT-RX (receiver)/ Packet Radio Decoder.
3 = PTT-TX (Sender)
4 = Up/Down
5 = Ground
6 = 10 - 15 V

Solder-side 4 pin microphone connector



1 = Mic
2 = Ground
3 = RX
4 = TX

Cable extension



Microphone cable extension
ca. 2 m, 6-pin

► Ord.-No.: 7625



Front section cable extension
ca. 2,5 m for AE 6890/6891/6790

► Ord.-No.: 5820

Microphone mounting plate



Screw type

► Ord.-No.: 7560



Magnetic and screw type

► Ord.-No.: 7550

Speaker

CB 20/905



High quality extension speaker with switchable noise filter and mute function. Very good voice reproduction. Incl. mounting set and cable with 3.5 mm plug.

frequency range: 250 - 8000 Hz
Impedance: 8 Ohm
power: 7 W

► Ord.-No.: 7120

CB 250



Solid extension speaker complete with mounting set, cable and 3.5 mm plug. The big sized speaker cone enables a high efficiency together with clear voice reproduction.

Frequency range: 200 - 7000 Hz
Impedance: 8 Ohm
Power rating: 7 W

► Ord.-No.: 7117

CB 150



Softline extension speaker complete with mounting accessories, cable and 3.5 mm plug. Due to its mylar cone the speaker can be also be used in humid area.

Frequency range: 300 - 7000 Hz
Impedance: 8 Ohm
Power rating: 5 W

► Ord.-No.: 71150

CB 45



Extension speaker in classical design, complete with mount, cable and 3.5 mm plug.

Frequency range: 300 - 7000 Hz
Impedance: 8 Ohm
Power rating: 5 W

► Ord.-No.: 7113

CB 12



High efficient mini extension speaker with clear voice reproduction. Due to its mylar cone this speaker can be used in areas with high humidity. Incl. mounting accessories, cable and 3.5 mm plug.

Frequency range: 300 - 7000 Hz
Impedance: 8 Ohm
Power rating: 5 W

► Ord.-No.: 7112

Specifications					
Speaker	CB 20	CB 250	CB 150	CB 45	CB 12
Frequency range	250 - 8000 Hz	200 - 7000 Hz	300 - 7000 Hz	300 - 7000 Hz	300 - 7000 Hz
Impedance	8 Ohm	4 Ohm	8 Ohm	8 Ohm	8 Ohm
Power	7 Watt	7 Watt	5 Watt	5 Watt	5 Watt
Case dimensions	110x90x35 mm	130x79x56 mm	90x90x55 mm	66x66x54 mm	74x68x28 mm
Ord.-No.	7120	7117	71150	7113	7112

Power supplies

SW 35



Switching power supply for CB and other use.

Power input: 220 - 230 V/50 Hz
Output voltage: 13,8 V
Output current: max. 3 - 5 A

► Ord.-No.: 47500

SW 57

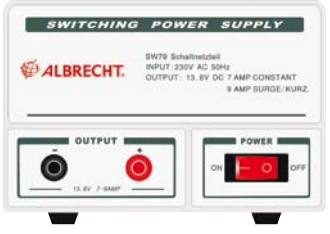


Switching power supplies for CB and others. Short circuit protection.

Power input: 220 - 230 V/50 Hz
Output voltage: 13,8 V
Output current: max. 5 - 7 A

► Ord.-No.: 47510

SW 79

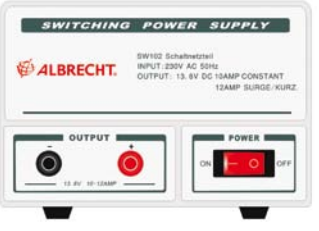


Switching power supplies for CB and others.

Power input: 220 - 230 V/50 Hz
Output voltage: 13,8 V
Output current: max. 7 - 9 A

► Ord.-No.: 47520

SW 102



Switching power supplies for CB and others.

Power input: 220 - 230 V/50 Hz
Output voltage: 13,8 V
Output current: max. 10 - 12 A

► Ord.-No.: 47530

Inverter

Inverter provide 230 V to your electrical equipment´s anywhere you have 12 or 24 V power available. Ideal for boat, trucks, camping . . .



USB INV 150 W 12/24 V

Mobile power for cars, trucks, boats and camping. The inverter provide 230 V to electrical equipments anywhere with 12 or 24 V power available.
Built-in USB port can charge USB devices (like i-pod, cell phone) via the USB charge port, allowing max. portability of electronic accessories

► Ord.-No.: 47871 = 12 Volt
► Ord.-No.: 47870 = 24 Volt

Specifications:

Output power:	150 W continue
Output power:	300 W peak
Input voltage range:	10 - 15 V DC (12 V Version)
Input voltage range:	20 - 30 V DC (24 V Version)
USB power output:	DC 5 A, 500 mA
Battery low:	LED
battery low shutdown:	under 9,5/19,5 ± V
Cooling:	cooling ribs
Fuse:	15 A x 1 (12 V), 10 A x 1 (24 V)
Dimensions W/H/D:	94 x 69 x 165 mm
Weight:	520 g

Inverter

INV 150 W 12/24 V



Inverter for max. 150 W power, overload control (LED). For single 230 V appliances, like shavers, small TV sets, notebook computers, CD/ DVD player, typical small 230 V appliances with wall adaptors, energy saving lamps.

► Ord.-No.: 47860 = 12 Volt/47861 = 24 Volt

INV 300 S/A 301 M 12/24 V

NEU!



Inverter for max. 300 W (A301M: 400 W) power, overload control (LED), cooling fan. For single 230 V appliances, portable TV sets, small stereo sets, video recorders, electronic tools and soldering devices, hot melting glue tools, lighting, portable coolers or as 230 V board network in smaller campers or boats.

► Ord.-No.: 47862 = 12 Volt
► Ord.-No.: 47863 = 24 Volt
► Ord.-No.: 47873 = A301 M, 400 Watt/24 Volt

INV 600 W 12/24 V



Inverter for max. 600 W power, overload control (LED), cooling fan, optical battery indicator. For all electrical appliances with European 2.5 A flat connector, computers and accessories, smaller electric tools, like saws, standard drilling machines, soldering devices, water pumps, fridge or as 230 V board networks in mobile homes.

► Ord.-No.: 47867 = 12 Volt/47864 = 24 Volt

INV 1200 S 24 V





Inverter for max. 1200 W power, overload control (LED), cooling fan, optical battery indicator, 2 outlets for 230 V. For small and medium size electric tools, 230 V appliances up to power classes of vacuum cleaners, hair dryers, coffee machines, fridge and freezers or as 230 V board network in mobile homes or boats.

► Ord.-No.: 47872 = 12 Volt/47865 = 24 Volt

RC 1000 - remote control for: INV 1200 W, 24 V
► Ord.-No.: 47866

Specifications				
Inverter	INV 150 12/24	INV 300 12/24	INV 600 12/24	INV 1200 24/12
Output voltage	150 W constant 300 W surge	300 W constant 350 W (30 Min.)	600 W constant 800 W (30 Min.)	1200 W constant 1400 W (30 Min.)
Input voltage	10 - 15 V (12 V version) 20 - 30 V (24 V version)	600 W surge 10 - 15 V (12 V version) 20 - 30 V (24 V version)	1500 W surge 10 - 15 V (12 V version) 20 - 30 V (24 V version)	2400 W surge 20 - 30 V
Battery loss/overload alarm	LED	LED	LED	LED
Battery shutdown	below 10/20 V	below 10/20 V	below 20 - +0,8 V	below 20 - +0,8 V
Cooling	heat sink	Ventilator over40° C	Ventilator over 60° C + 5° C	Ventilator over 60° C + 5° C
Fuse	15 A x 1 (12V), 10 A x 1 (24 V)	35 A x 1 (12V), 20 A x 1 (24 V)	20 A x 5 (12V), 20 A x 3 (24 V)	20 A x 5
Dimensions	143 x 73 x 70 mm	194 x 90 x 75 mm	213 x 200 x 70 mm	390 x 210 x 85 mm
Weight	500 g	900 g	2000 g	3900 g
e/CE	e 13/21414 CE	e 13/021559 CE	e 13/0211803 CE	e 13/0214133 CE
Ord.-No.	47860/47861	47862/47863	47867/47846	47865/47872

Converter 24 V DC - 12 V DC



PV 3S

► Ord.-No.: 47830



PV 6S

► Ord.-No.: 47831



PV 12 S

► Ord.-No.: 47832



PV 18 S

► Ord.-No.: 47833



PV 24 S

► Ord.-No.: 47834

These products offer a convenient way to operate mass produced 12 V DC equipment such as cell phones, in car entertainment, professional communication and telematics equipment, refrigerators, televisions etc. from the 24Vdc mobile electrical systems found on diesel engined vehicles and vessels.

A Comprehensive Range
There are 5 products in the range from 3A to 24A in isolated or common earth configurations. They have been optimised for high volume 24 V DC to 12 V DC applications such as on heavy goods vehicles, coaches, buses, construction, forestry and agricultural vehicles, commercial and leisure marine vessels.

Tamper Proof
There are no ventilation holes to permit stray objects, dust or water droplets to enter the case. There are no external fuses to be tampered with. Fuses will only blow if there is a fault so there is no need to make them accessible.

All voltage converters are enclosed in a rugged aluminium extrusion. The low mass Surface Mount Technology components are also less prone to damage from vibration and shock, further increasing the reliability of the units.

3Amp units are excellent for charging mobile phones, while 6A units suit a variety of mobile radio applications.

Galvanically isolated units are suitable for marine applications and come complete with the green tamperproof label for petrochemical applications.

Fast Installation
All the units consume an off load current of less than 15mA, which is probably less than the self discharge current of the vehicle's battery. In most cases this can be ignored, speeding the installation by removing the need to fit a remote switch. All products fit onto a 'Click 'n' Fit mounting clip which is fixed in three points allowing it to be mounted on uneven surfaces. It is easy to fit the clip into awkward places and then simply click the unit into position. A red LED indicates when there is output from the converter. This gives reassurance to the installation engineer and speeds fault finding.

Product benefits at a glance

- **Lifelong warranty**
- High performance
- Low heat emissions
- Dust and waterproof
- Excellent installation possibilities
- Compact, sealed cooling unit

Easy 6 Step Installation Method
1. Find a convenient location away from sun and rain.
2. Using the mounting clip as a template, mark fixing positions.
3. Drill screw holes.
4. Fix bracket using screws provided.
5. Clip voltage converter to mounting bracket.
6. Correctly connect to load.

Typical Applications
Installations of mobile and cellular radio communications equipment, telemetry systems, refrigeration, televisions etc on trucks, buses, forestry and off road vehicles as well as boats and yachts and a variety of industrial applications. For a wider range of input and output voltages, see the DD Series.

Alfatronic converters were installed in following yachts
► Princess ► Sunseaker ► Swan ► Cranchi

Specifications

Input voltage range:	17 to 32 V DC	
Output voltage:	13.6 V DC	
Operation temp.:	-25° C to +80° C	
Operation humidity:	95 % max., non condensing	
Case work:	Aluminium and Polycarbonate. Dust water and impact resistance to IP5-33	
Connections:	Five 6,3 mm push-on flat blade connectors (PV35 -A)	
Power flow display:	Red LED	
Over current protection:	Current sensing circuit	
Overheat protection:	Temperature sensing circuit	
EN standard compliance:	2004/108/EC the general EMC directive 2006/96/EC the automotive directive 93/68/EEC the CE marking directive VIDG5 AES for use on police and fire vehicles	
Certifications:	CE- and e marked, FCC class B	
Voltage (intermittent):	PV 3 S:	3/6 A
	PV 6 S:	6/10 A
	PV 12 S:	12/18 A
	PV 18 S:	18/24 A
	PV 24 S:	24/30 A

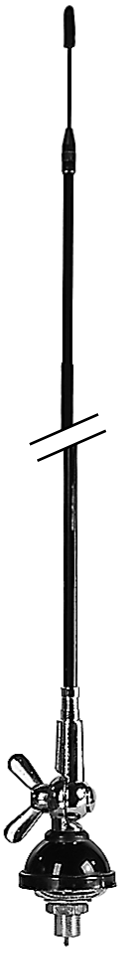
Super 70 Blue Line Super 9 Blue Line Racer 60 M6 Ninja M6



Specifications				
Model	Super 70 blue line	Super 9 blue line	Racer 60 M6	Ninja M6
Type	1/4 Lambda base loaded	1/4 Lambda base loaded	1/2 Lambda	5/8 Lambda
Channels	120	190	90	120
Max. power	150 Watt	250 Watt	40 Watt	150 Watt
Length	70 cm	155 cm	65 cm	94 cm
Fibre glass whip				
stainless steel whip	X	X	X	X
hole diameter	12,5	12,5	M6	M6
SWR tuneable	X	X	X	X
SWR pretuned				
Accessories				
Infos			incl. adapter screws	incl. adapter screws
Ord.-No. Whip only, Ord.-No.	67181	67180	 67142	 67232

CB-Radio mobil antennas

DV 27



T 27

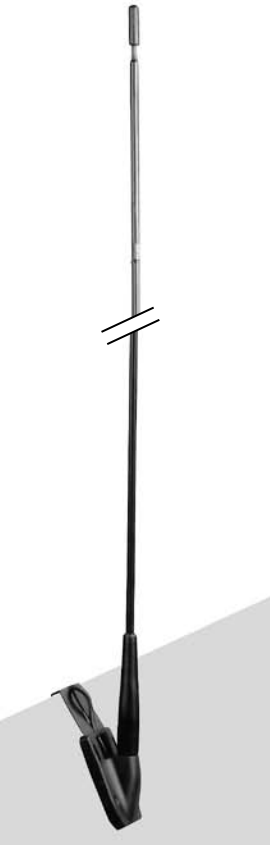


T 27 5/8

Extrem small mount



AF 393



Specifications				
Model	DV 27	T 27	T27 5/8	AF 393
Type	1/4 Lambda	1/4 Lambda	1/4 Lambda	1/4 Lambda
Channels	80	80	80	80
Max. power	80 Watt	150 Watt	50 Watt	10 Watt
Length	140 cm	60 cm	61 cm	65 cm
Fibre glass whip	X	X	X	X
stainless steel whip				
hole diameter	12,5 mm	12,5 mm	12 mm	
SWR tuneable	X	X	X	
SWR pretuned				X
Accessories	DV-mount 4 m cable	DV-mount 4 m cable	DV-mount 4 m cable	3 m cable
Infos				
Ord.-No. Whip only, Ord.-No.	6700	67110	6201 6202	6220

CB-Radio mobil antennas

Racer 60/90 Racer 90 M6 Trucker 14 DV 27 U High Power 3000













Specifications						
Model	Racer 60	Racer 90	Racer 90 M6	Trucker 14	DV 27 U	High Power 3000
Type	1/4 Lambda	1/4 Lambda	1/2 Lambda	5/8 Lambda	1/2 Lambda	5/8 Lambda
Channels	150	120	120	240	130	CB + 10 m
Power	100 Watt	100 Watt	16 W PEP/40 W	500 Watt	150 Watt	1200 Watt
Length	72 cm	115 cm	112,5 cm	ca. 150 cm	85 cm	174 cm
Fibre glass whip				X		
Stainless steel whip	X	X	X		X	X
Hole diameter	13 mm	13 mm			13 mm	
SWR tuneable	X	X	X	X	X	X
SWR pretuned						
Accessories	DV-mount 4 m cable	DV-mount 4 m cable		mirror mount, 2,8 m cable, PL 259	DV-mount 4 m cable	
Infos	SWR fine tuning by special rings	SWR fine tuning by special rings	with M 6 Threat, incl. adapter screws	open coil		27 - 28,5 MHz PL 259 connection
Ord.-No.:	67140	67130		6680	67160	
Whip only Ord.-No.	67141	67131	67132			6315

CB-Radio mobil antennas

GL 27

Especially for Trucks and Mobile Homes

No grounding necessary!



Gamma II F



AE S9 Plus



Mythos 900 S



Ninja



Specifications					
Model	CB-27	Gamma II F	AE S9 Plus	Mythos 900 S	Ninja
Type	1/4 Lambda	1/4 Lambda	5/8 Lambda	5/8 Lambda	5/8 Lambda
Channels	120	120	200	200	120
Max. power	50 Watt	500 Watt	500 Watt	150 Watt	300 Watt
Length	114 cm	93 cm	150 cm	75 cm	95 cm
Fibre glass whip	X	X			
Stainless steel whip			X	X	X
Hole diameter		13 mm	12 mm	12,5 mm	13 mm
SWR tuneable			X		X
SWR pretuned	X	X		X	
Accessories	4 m RG 58 cable white	DV-mount 4 m cable	DV-mount 4 m cable	DV-mount 4 m cable	black DV-mount 4 m cable
Infos	mirror mount	pretuned, no tuning needed		27 - 28,5 MHz PL 259 connector	
Ord.-No.:	6351	6725	6291	67170	67230
Whip only Ord.-No.					

CB-Mag mount mobil antennas

Ministar 27 | ML 130 | ML 145 MAG / ML 145 PL | CB 95 | CBM 108 | Mag Star 27

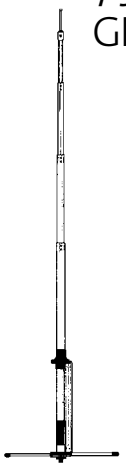
Small and strong!



Specifications						
Model	Ministar 27	ML 130	ML 145/145 PL*	CB 95	CBM 108	Mag Star 27
Type	1/4 Lambda	5/8 Lambda	5/8 Lambda	1/4 Lambda	1/4 Lambda	1/4 Lambda
Channels	80	100	100	80	40	80
Max. power	25 W SSB/10 W FM	300 Watt	200 Watt	100 Watt	30 Watt	50 Watt
Length	31 cm	100 cm	148 cm	112 cm	60 cm	63 cm
Fibre glass whip				X		
Stainless steel whip	X	X	X		X	X
SWR tuneable	X	X	X	X	X	X
SWR pretuned	X					
Accessories	3 m RG 174, PL 259	4 m RG 58	4 m RG 58, PL 259	4 m RG 58, PL 259	3,5 m RG 58, PL 259	4 m RG 58, PL 259
Infos	mag mount, ⌀ 30 mm	mag mount, ⌀ 90 mm	mag mount, ⌀ 120 mm *Stainless steel whip	mag mount, ⌀ 120 mm	mag mount, ⌀ 90 mm	mag mount, ⌀ 100 mm
Ord.-No.	65260	6330	6305	6522	65215	65250
Whip only Ord.-No.:			6310			

CB-Radio Stationary-Antennas

GPA 27 5/8 and GPA 27 1/2



GP 27 5/8
High quality 5/8 wave stationary antenna made of anti-corroding aluminium to extend the performance and stability. Comes with 3 radials (1 m) and mounting set. SWR tunable.

► Ord.-No.: 63700

GP 27 1/2
Similar to above, but halfwave version without radials.

► Ord.-No.: 6348

Boomerang



1/4 wave stationary-/balcony antenna for mounting on roof or balcony.
The aluminium radiator has a length of 300 cm.
SWR adjustment by tuning tip on short radiator.
Comes with mounting set.
SWR: <1,2

► Ord.-No.: 6350

New Vector 4000



3/4 wave stationary antenna, CB and 10 m Base station antenna, omnidirectional, tunable by whip length adjustment, high power handling capability, made of aluminium alloy 6063 T-832, UP-GRADE: Lower radiation angle for the best DX, new tuning possibility

► Ord.-No.:6340

Hurricane/ Storm 27



1/2 wave stationary-/balcony antenna that can be installed in any place like attic, balcony and others. SWR adjustment is not required but the connecting cable should have a length corresponding to instruction manual. Comes with mounting set.

► Ord.-No.: 63570

AE 27 - 3,3 /AE 27 - 4,4



► AE 27 - 3,3, Ord.-No.: 6343
► AE 27 - 4,4, Ord.-No.:: 6344



Features:
- CB stationary antennas
- Directional, High-gain
- Horizontal polarization
- Factory tuned at mid-band
- High power handling capability
- Elements equipped with waterproof jointing sleeve
- Mounting mast: Ø 35-50 mm
- Dimensions (approx.):
  AE 27-3,3: 5740 x 2710 x 100 mm
  AE 27-4,4: 5725 x 4030 x 100 mm

Specifications							
Model	GPA 27 1/2	GPA 27 5/8	Boomerang	New Vector 4000	Hurricane/Storm 27	AE 27 - 3,3	AE 27 - 4,4
Type	1/2 Lambda	5/8 Lambda	1/2 Dipol	3/4 Coaxial J-Pol	1/4 Lambda	3 Element Yagi	4 Element Yagi
Channels	200	200	200	120	100		
Max. power	1000 Watt	1000 Watt	300 Watt	1000 W/shorttime 3000 W	100/300 Watt	1000 Watt	1000 Watt
Length	5,5 m	6,6 m	3 m	8,48 m	ca. 1 m		
SWR pretuned				incl. list	yes		
Bandwidth	26 - 28 MHz	26 - 28 MHz	2000 kHz	1400 kHz	26 - 28 MHz	26.1 - 27.7 MHz	26.1 - 27.7 MHz
SWR min.	1,2	1 : 1,5	1,2	1 : 1,2	1 : 1,5	1.2 : 1	1.2 : 1
Material	Aluminium	Aluminium	Fibre glas/Alu	Aluminium, Steel, Nylon	PVC	Aluminium	Aluminium
Ord.-No.:	6348	63700	6350	6340	63570	6343	6344



AE Marine Masttop 3200



AE Masttop 3200
Flexible UKW marine radio antenna for sailing boats - ideal for mast mounting. Length ca. 1 m with stainless steel whip. Comes with 18 m cable and 2 x PL 259 connector

► Ord.-No.: 64130

AE Marine 5/AE Marine 8



AE Marine 5
UKW marine radio antenna for motorboats. Ca. 1,6 m fibre glass whip. Antenna mount topple over, white plastic. Comes with ca. 4 m cable and PL 259 connector.

► Ord.-No.: 64100

AE Marine 8
Same like above, but with 2,4 m fibre glass whip.

► Ord.-No.: 64120



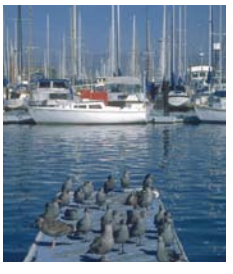
AE 907 Mastholder



For marine radio antennas, recommended for AE Marine 8 antenna.

► Ord.-No.: 64140





CX 201



CX 201: Solid state 2- way antenna switch in heavy diecast quality. Enables to connect two antennas to one transceiver or the other way round. With PL-connectors.

Frequency range: 1,8 - 470 MHz
Insertion loss: 0,2 dB
Max. power input (depends on frequency): 1000 W

► Ord.-No.: 7401

Coax cable



High quality Coax cable for hobby or professional use.

RG 58
Diameter 4,95 mm,
Attenuation 10,9 dB/100 m
(50 MHz)

► Ord.-No.: 7460/AL 35

RG 58
Same like Ord.-No. 7460, but white color.
► Ord.-No.: T 200

RG 213
Diameter 10 mm,
Attenuation 4,4 dB/100 m (50 MHz)
► Ord.-No.: 7462

DV cable



DV-cable
4 m RG 58 U cable with DV-Right angle connector. with additional PL-Plug.

► Ord.-No.: 6833

Coax inter-cable



Coax cable
2 x PL-259/6
Length: 50 cm

► Ord.-No.: 7580

Coax inter-cable
Length: 150 cm

► Ord.-No.: 7581

Coax inter-cable - Ideal for use with balcony antennas.
Length: 10 m

► Ord.-No.: 75820

SWR-Meter

CB-Master SWR 20/30

Compact sized SWR meter for a quick measuring and adjustment of CB-antennas. Model SWR 30 with additional RF-power section for a quick reference of the main CB-data.

Frequency range:	3,5 - 50 MHz (SWR), 26 - 30 MHz (Power)
Power SWR:	1:1 - 1:3
Impedance:	50 Ohm
Deviation:	±/- 5 %
RF output (only SWR 30):	0 - 10 W
Dimensions:	85 x 55 x 30 mm

► Ord.-No.: 4410 - SWR 20
► Ord.-No.: 4412 - SWR 30





Accessories for antennas

DV antenna mount



DV- antenna mount.
Installation hole 11 mm.

► Ord.-No.: 6770

DV-S antenna mount



DV-S-antenna mount, flat type.
Installation hole 13 mm. For use with mobil whip Ord.-Nr.: 6190, 6199, 6206 and 6208.

► Ord.-No.: 67800

NC-570 DV



DV-plug, right angle type

► Ord.-No.: T 370

DV 27 PL



Antenna mount for antenna with UHF connection and DV connector (e.g. ML145).

► Ord.-No.: 67771

Wing nut



Wing nut and bolt for DV-antennas.

► Ord.-No.: 6820

Anti thief set



Anti thief set for DV antennas with special spanner and key bunch.

► Ord.-No.: 6822

Accessories for antennas

Steel mount



SP-S: INOX steel mount for antennas. INOX steel trunk mount, with a double inclination for mobile antennas. The mount is supplied with a hole fixing reducer and a rubber protection for the car body.

► Ord.-No.: T752

Gutter mount



Gutter mount clamp for mobile antennas. Black anodised.

► Ord.-No.: 6943

Mirror bracket



Universal mirror bracket for trucks. Useable for 3/8►- or DV mounts.

► Ord.-No.: 6814

Alu mirror mount



Universal mirror mount. Accepts 3/8► or DV mounts. For horizontal or vertical mounting. Very heavy duty type made from Aluminium, silver.

► Ord.-No.: 6197

AM 701 Antenna mount



Antenna mount for 3/8► antennas. Incl. 2,75 m cable

► Ord.-No.: T795



3/8► adapter for DV-antennas.

► Ord.-No.: 6280

Magnetic mount



BM 150 DV
Magnetic mount for use with DV antennas, black colour. Comes with cable (length 3,90 m), PL-plug and rubber boot. Diameter 15 cm.

► Ord.-No.: 6781

BM 150 PL
Same as above, but with PL (SO 239) antenna connector.

► Ord.-No.: 6782

Replacement rubber boot

► Ord.-No.: 67821

Magnetic mount



BM 125 DV
Very strong magnet mount for use with DV-antennas. Comes with 4 m DV cable and PL connector. Diameter 12,5 cm.

► Ord.-No.: 67840



Window clip mount

Window clip mount for use with antennas with BNC connector. Comes with 2,50 m RG 174/U coaxial cable and mounted BNC plug. Optimum suitable for Ham radio, scanners and CB-transceivers.

► Ord.-No.: 6676

Mini magnet mount



Very strong mini magnet mount (dia. Ø 35 mm!). With BNC female mount for rubber and short telescopic antennas. Comes with a 2,40 m low loss RG 174 cable with mounted BNC male connector.

► Ord.-No.: 6677

HF connectors and adapter

NC 551/PL 259



PL male connector for
RG 213/U/8/U Teflon isolation

► Ord.-No.: T 205

NC 551/2/PL 259/6





PL-male connector for
RG 58/U Teflon isolation

► Ord.-No.: T 377

Twin Blister pack

► Ord.-No.: 50120

NC 572



PL-connector for RG 58/U
short type, Teflon type

► Ord.-No.: T 292

NC 577/2 PL 259



PL-male connector with
right angel output

► Ord.-No.: 5260

SO 239 SH, NC 554



PL-receptacle for single hole
mounting rear mounting

► Ord.-No.: 5040

NC 554



PL-receptacle with 4-hole flange

► Ord.-No.: 5050

NC 553/PL 258



Adapter 2 x PL-female

► Ord.-No.: 5060

NC 565



Double PL-female panel mount

► Ord.-No.: 5310

NC 558/M 359



L-type adapter PL-male -PL-female

► Ord.-No.: 5070

DV-PL Adapter



Adapter PL-connector -
DV-connector

► Ord.-No.: 68027

Dummy L 20



Dummy load with power rating 20 W/ 60
W short term (interval use),
PL-connector, max. 500 MHz, 50 Ohms.

► Ord.-No.: 53030

HF connectors and adapter

BNC 1520/UG 255/U



Adapter BNC-male - UHF-female

► Ord.-No.: 5158

BNC 1521/UG 273/U



Adapter PL-male - BNC-female

► Ord.-No.: 5159

SMA/BNC



SMA/BNC female

► Ord.-No.: 58610

BNC-SMA Adapter



Adapter SMA - BNC-female

► Ord.-No.: 51640

NC 1451



N-male connector for RG 58/U

► Ord.-No.: 5410

NC 1453
for RG 8U / RG 213

► Ord.-No.: 5411

NC 1481



Adapter N-male - BNC-female

► Ord.-No.: 5424

NC 1465



Adapter N-male - PL-female

► Ord.-No.: 5426

NC 1466



Adapter N-female - PL-male

► Ord.-No.: 5428

BNC/FME



Adapter BNC-male - SMA/FME-female

► Ord.-No.: 5860

FME-Crimp



FME-crimp connector

► Ord.-No.: 5850

PL/FME



Adapter PL -/FME-female

► Ord.-No.: 5856

HF connectors and adapter

BNC 1505/UG 914/U



Adapter 2 x BNC-female

► Ord.-No.: 5152

BNC 1501



BNC-connector male, for RG 58/U

► Ord.-No.: 5150

BNC 1501/10



BNC-connector male, for RG 8/U; RG 213/U

► Ord.-No.: 5163

BNC 1531/RG 88 UCR



BNC male plug, for RG 58/U, crimp type

► Ord.-No.: 5161

NC 526



Microphone connector socket

► Ord.-No.: 5145

Microphone extension



for AE 6890 and other with 6 pin mike plug/connector, length: 2 m

► Ord.-No.: 7625

Microphone connectors

Mike chassis plug

Mike chassis plug for single hole mounting

NC 513 3-pin:
► Ord.-No.: 5364

NC 515 4-pin:
► Ord.-No.: 5140

NC 517 5-pin:
► Ord.-No.: 5362

NC 519 6-pin:
► Ord.-No.: 5370



Mike connector

Mike connector with coupling ring

NC 514 4-pin:
► Ord.-No.: 5170

NC 516 5-pin:
► Ord.-No.: 5361

NC 518 6-pin:
► Ord.-No.: 5360

NC 522 8-pin:
► Ord.-No.: 5222



Connector

Plug

Mono-plug 3,5 mm

► Ord.-No.: 5230









> Alan Electronics – The Radio Specialist

We are a leading manufacturer of radio equipment for the professional and private sectors. ALBRECHT Radios are sold for more than 30 years in Germany.

In cooperation with the globally active Italian CTE group we design future-oriented projects, which - thanks to in-house development in Germany and Italy - have been successfully established in the market.

We are globally known with our brands ALBRECHT and MIDLAND. Besides radio equipment for hobby and professional users we distribute consumer electronics such as Bluetooth® headsets, digital radios, action cameras and much more.

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