

## Multichannel CB-Radio for Europe with CTCSS-Subtones and detachable front section

### > AE 6890



No more space to install a CB in your car ?  
Here come the solution : **AE 6890 with remote front panel can be installed at any place on the dashboard of your car for safe and easy control.**

You can glue or screw the remote on the small bracket ,the cable to the main unit is 2 meter.  
Beside this unique function the AE 6890 is a full featured top class CB radio

#### **Tone squelch (pilot tone or CTCSS) is a new function in CB radio communication.**

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.

**We afford you 3 years manufacturer's warranty for the AE 6890.**



#### Features:

- ▶ 5 Country switching by software operation
- ▶ Remote cable length about 2 meter
- ▶ Automatic Squelch ASQ and manual squelch SQ
- ▶ Graphic LCD display for channel, S-and power meter, frequency and status icons
- ▶ Audio tone filter (TON)
- ▶ Microphone preamplifier (MIC)
- ▶ RF gain switch for local/DX operation (LOC)
- ▶ External s-meter socket (2.5 mm)
- ▶ Flash memory for last settings
- ▶ Die cast back panel with heat sink (for longer QSOs)
- ▶ AM-FM switch
- ▶ Special channel (PRI), 3 memory channels
- ▶ Scan functions for all channels (SC) or special channel dual watch (DW)
- ▶ Channel 9 direct key
- ▶ Key tones and Roger beep selectable
- ▶ Automatic Squelch ASQ and manual squelch SQ
- ▶ Channel / frequency display selectable
- ▶ Flash-EEPROM memory for last setting

**AE 6890** ▶ Ord.-No.: 12689

#### Optional accessory

Front section extension cable, 2,5 m  
▶ Art.-Nr.: 5820

Microphone extension cable  
▶ Art.-Nr.: 7625

## Alan Electronics GmbH

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## Multichannel CB-Radio for Europe with CTCSS-Subtones and detachable front section



### > AE 6890



#### Features:

- ▶ Country switching by software operation
- ▶ 80 FM (4 W)
- ▶ 40 AM (1 W) channels dE for D, CZ
- ▶ 40 FM (4 W)
- ▶ 40 AM (1 W): EU für B, BG, CH, D, E, EST, F, FIN, FL, I, IRL, LV, NL, P, PL, SK
- ▶ 40 FM (4 W) channels EC for all EU countries + CH, FL, N, IS, except A
- ▶ 40 FM/AM (4 W) channels E for Spain
- ▶ 40 FM/AM (4 W) channels Po for Poland
- ▶ 40 FM (4 W) channels U for UK

This tone squelch replaces the conventional squelch, which reacts on a weaker noise or an increasing field force. 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 6890 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!

- ▶ Detachable front section with bracket for dashboard mounting
- ▶ Remote cable length about 2 meter
- ▶ 48 different CTCSS codes for receive & transmit
- ▶ Graphic LCD display for channel, S- and power meter, frequency and status icons
- ▶ Audio tone filter (TON)
- ▶ Microphone preamplifier (MIC)
- ▶ RF gain switch for local/DX operation (LOC)
- ▶ 2 display illumination levels
- ▶ External s-meter socket (2.5 mm)
- ▶ Flash memory for last settings
- ▶ Die cast back panel with heat sink (for longer QSOs)
- ▶ AM-FM switch
- ▶ 6 pin mic socket
- ▶ AM/FM switch
- ▶ Special channel (PRI), 3 memory channels
- ▶ Scan functions for all channels (SC) or special channel dual watch (DW)
- ▶ Channel 9 direct key
- ▶ Key tones and Roger beep selectable
- ▶ Automatic Squelch ASQ and manual squelch SQ
- ▶ Channel / frequency display selectable
- ▶ Rotating channel selection
- ▶ Electret microphone with up/down switches
- ▶ 50 Ohms antenna PL connector
- ▶ External speaker socket (3,5 mm)
- ▶ Flash-EEPROM memory for last setting

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