



ALBRECHT®

CB Radio AE 6490 CT / AE 6491 CT

USER'S GUIDE

AM
4 Watt
New
EU-Standard



English

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Important Information

Please read before installing or operating your AE 6490 / AE6491 CT Radio

This radio is an advanced technology mobile CB transceiver. This High Tech CB radio combines the latest circuit design with microprocessor control system. Very easily and advanced user features make it the premier radio for your mobile communications.

The following standard features are included.

- Fully synthesized system with microprocessor
- Large & wide angle readout for multi-function display (STN technology)
- Two color choices by green and red color
- Full channels or memory channel scanning
- 5 Channel Memories
- Automatic squelch control System (ASQ)
- CTCSS (38 tones)
- Instant access to channel 9 or 19
- AM/FM selection
- Single rotary knobs for channel, volume and squelch
- External speaker connector (3.5 mm mono) and coaxial antenna socket (SO-239)
- All metal cabinet and ideal size for easy installation in dash mount.
- Easy RX/TX indication with two color LED.
- Supports all European CB-radio standards.

- Version **AE 6490 CT** supports **12 V** and **AE 6491 CT** supports **12 V and 24 V** car power supply without switching.

Safety Warnings

Vehicles with air bags:

- Do not place your radio in the area over an air bag or in the air bag deployment area.
- Air bags inflate with great force.
- If a radio is placed in the air bag deployment area and the air bag inflates, the radio may be propelled with great force and can cause serious injury to the occupants of the vehicle.

Potentially Explosive Atmospheres

- Turn you radio off when in any area with a potentially explosive atmosphere, unless it is a type especially qualified for such use (for example, by intrinsic safe approvals).

- Sparks in such areas could cause an explosion or fire resulting in injury or even death.

Blasting caps areas

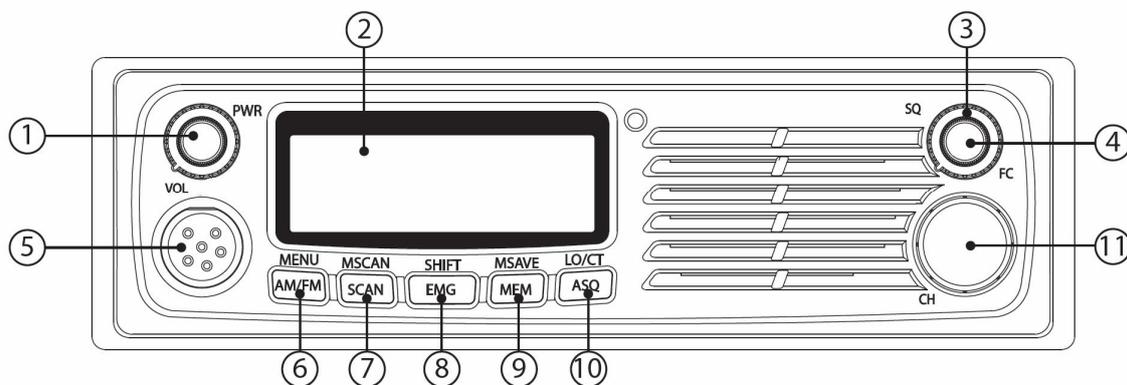
- To avoid possible interference with blasting operations turn your radio OFF near electrical blasting caps or in a "blasting area" or in areas posted: "Turn off any two way radio." Obey all signs and instructions.

Use While Driving

- Check the laws regarding the use of radios while driving and always obey them.
- In some European countries it is forbidden for the driver to keep any microphone in hands or to operate a radio during driving.
- Some countries (like Germany) make a difference between mobile phones and 2 way radios. Mobile phones are only allowed to be operated in handsfree mode, while CB & commercial two way radios are still allowed even with hand microphone.

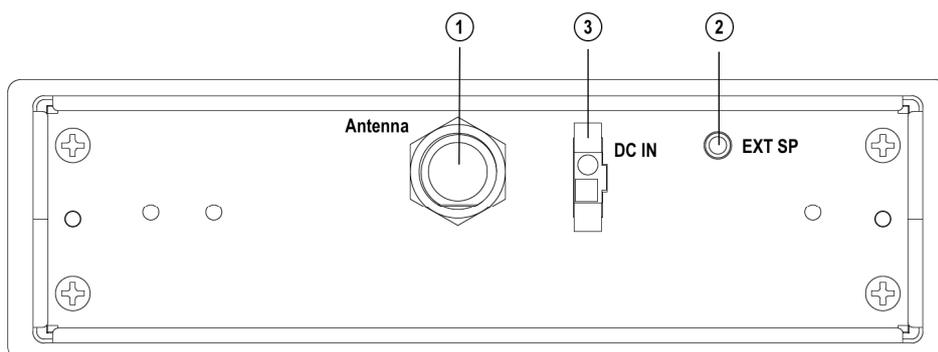
Controls and Connectors

Front View



- 1 Power ON/OFF Switch & volume control
- 2 LCD display
- 3 Squelch control
- 4 Function selector by short press
- 5 Microphone connector
- 6 AM/FM (Menu button)
- 7 SCAN, MSCAN (Memory Scan)
- 8 EMG (Emergency channel 9), SHIFT for second EMG channel (ch 19)
- 9 MEM (Memory recall), MSAVE (Memory save)
- 10 ASQ (Automatic Squelch), CTCSS
- 11 Rotary channel control

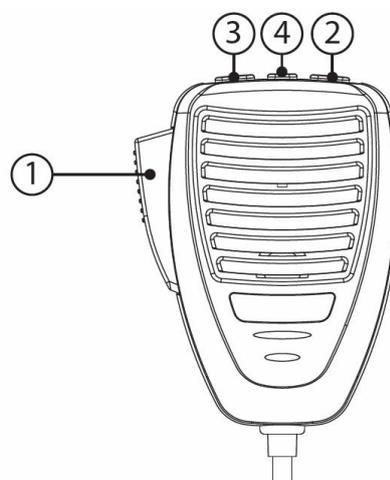
Rear View



- 1 Antenna Connection with PL 259 coaxial Connector
- 2 External Speaker Socket (for 3.5 mm mono plug)
- 3 DC power input

Microphone

- 1 Push-to-talk Switch (PTT)
- 2 Up key
- 3 Down key
- 4 ASQ on-off toggle key



Installation

Open the carton box and find:

- 1 x AE 6490 CT or AE 6491 CT CB Radio
- 1 x Hand Microphone
- 1 x DC Power Cord with inline fuse
- 1 x Standard Mounting bracket with mounting screws
- 1 x Microphone hanger
- 1 x DIN Mounting kit (1 DIN Sleeve and 2 Removal keys)
- 1 x User Guide

▲ Caution

When installing your CB radio in your vehicle, check that during installation you do not damage any wiring or vehicle components that may be hidden around the mounting position. If you are unsure about how to install your radio, consult a car electronics installer or your vehicle manufacturer.

Antenna Installation

To obtain the best performance from your CB radio is important to install a good quality antenna.

- You should purchase a suitable mobile antenna designed for the 27MHz frequency band.
- Connect the antenna to the rear antenna socket using a PL259 coaxial connector. Where necessary, solder the connector carefully at the inner connector of the coaxial cable and avoid any short circuit with one of the thin copper wires of the outer coaxial shielding.
- To obtain maximum performance from the transceiver, mount the antenna in a suitable position for good and free radiation from the metallic car surface.
- Standard mobile antennas need a good car body ground connection for best efficiency. Most standard mobile antennas cannot work without car body ground connection!
- Most CB antennas (except our %Gamma+ series) need a fine tuning for best SWR.
- Special ground less antennas are obtainable for motor homes or trucks in cases where the antenna position is made from plastic or fiberglass or where a grounding is not possible. Such antennas do only work on fiberglass or plastic car body structures and do not work immediately on metallic structures.
- Do not use any transmit function (e.g. PTT) before installing the antenna.

Antenna SWR information

For radio communications, each antenna should have a good matching to avoid too much energy loss across the transmission lines or defects of transmitter stages or power amplifiers

A good antenna obtains an SWR (Standing Wave Ratio) of 1.5 or even better. This means that most of the transmitting power is forwarded correctly from transmitter via cable to the antenna, and that the amount of reflected power is small.

It is easy to measure the SWR, which is as well a good indicator for the correct installation. An SWR meter is a basic and cheap test instrument, which should belong to the toolbox of any installer and radio specialist.

High SWR values (more than SWR = 3.0) not only may damage the transceiver but also lead to interference problems with other electronic items.

12 V / 24 V DC POWER CONNECTION

While the **AE 6490 CT** is designed **only for 12 V** vehicle installation (with negative ground) the **AE 6491 CT** version can operate at both 12 or 24 V voltage systems. A switching is not necessary.

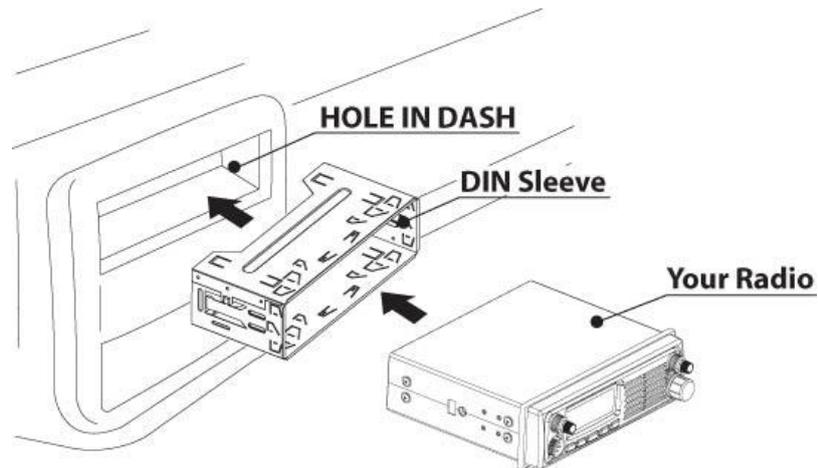
DC cable wiring

- Connect the **negative (black)** DC power lead to the vehicle chassis or directly to the vehicle battery negative terminal if preferred.
- Connect the **positive (red)** DC power lead via the in line fuse to a suitable point in the vehicle fuse box or directly to the positive battery terminal.
- It is as well possible to connect the radio to a **switched DC network** section to allow **automatic on-off with the ignition switch**, because the radio stores all last used settings
- It may be necessary in some special cases to use a line filter against alternator noise. This is depending on the position in the car electrical supply system where you have connected your radio with + and -. If difficulties appear, we recommend to test other connecting methods in the car installation as well.

Mounting using DIN Sleeve

If you are not sure how to install your CB Radio in your vehicle using the DIN sleeve, consult your automobile manufacturer, dealer, or a qualified installer. Before installing, confirm that this radio fits in the desired mounting area and you have all the necessary kits to complete the installation.

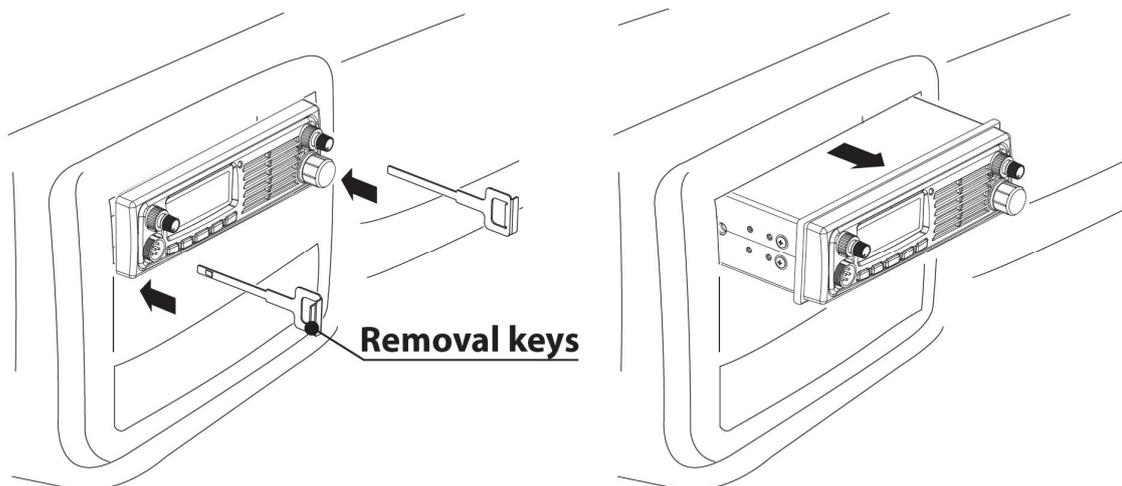
- Remove the bracket if previously installed.
- Install DIN Sleeve into the opening in your dashboard, lip facing out.
- Push out the top and bottom tabs to hold the sleeve firmly in place.
- Before inserting this radio in the sleeve, wire the cable from the previously mounted antenna
- Connect the DC power leads. The **RED** wire goes to a **positive(+)** connection on your fuse block, while **BLACK** connects to the car body **ground (-)**.
- Make sure all the connections are routed away from any potentially pinching or slicing other metallic parts.
- Slowly slide the radio into the sleeve until it locks in place.
- The rubber ring will act as a seal against DIN Sleeve. At the left and right sides of the ring a slot space will be provided by pulling slowly the left and right side of the ring.
- The slots in the fitted rubber ring will enable the proper removal of radio from the DIN sleeve.



Removing the radio from DIN Sleeve

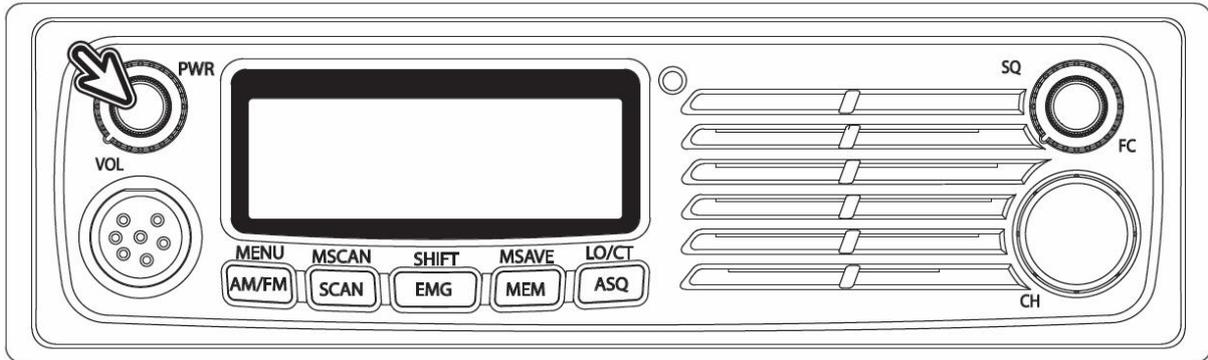
If you plan to remove the radio from DIN Sleeve, you should do it using the provided two removal keys as explained below:

- Fully insert both removal keys straight into the slot spaces provided by rubber ring on the left and the right edges of the radio front panel.
- You cannot remove the radio if only one key is used.
- Press in fully and the radio will unlock from the sleeve making withdrawal from the sleeve possible.
- Store the keys in a safe place for future use.



Operation

Power On/Off



Turn the rotary volume switch clockwise to power on and adjust the sound level for comfortable reception.

How to start the country switching (European Multi-standard support)

Both versions are prepared to use the actual European Multi-standard codes. This new European standard with AM+FM 4 Watts on 40 channels **%E+** is already in force in many EU and R&TTE countries and will be implemented in the other countries very soon. The radio is able to work on Poland channels with -5 kHz Offset (**PL**), can work on German, Czech and Slovak channel settings **d4** with up to 80 CH FM and 40 CH AM, and can work in UK on the present UK and European FM channels and can already operate on the European AM channels (4W) in the UK setting **%U+** as well.

Please use only the present country codes until the new setting will be published as allowed. It is still illegal to use any radio with a country selection switch in Austria (latest info May 2014). For such cases we deliver a factory fixed country version on request. If you are in doubt in other countries, select **E** setting and use only FM.

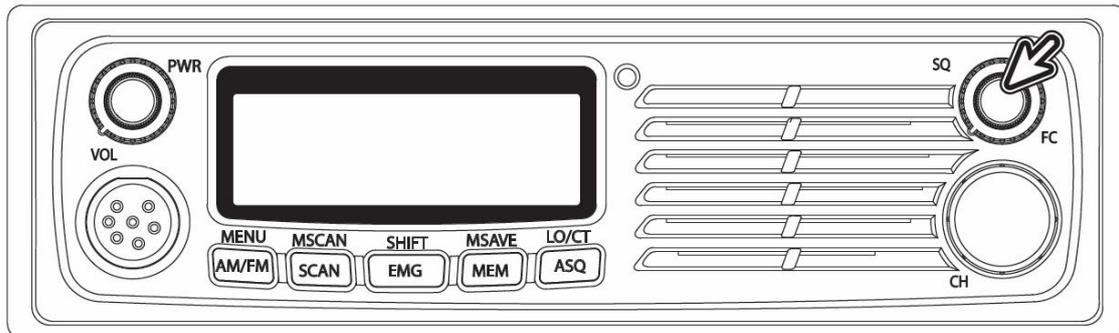
- Switch the Power on, while keeping the required button pressed for each country setting
- Then release button(s) again

Taste -- Button -- Bouton	Action	Display	Land-Country-Pays
	+ PWR Einschalten Power ON Marche	E	EU
			FM 40CH,4W AM 40CH,4W
		PL	POLEN, POLAND
			FM 40CH,4W AM 40CH,4W
		d4	DE, CZ, SK FM 80CH,4W AM 40CH,4W
	U	UK	
		FM 40CH UK, EU AM 40CH,4W EU	
	rS	FACTORY	
		RESET	

Operation

This last key combination is used to perform a Factory Reset (to default settings)
This may be a useful action in cases where the radio may perhaps react abnormal.
A reset can restore the functions if the CPU seems to be blocked.

SQ Control



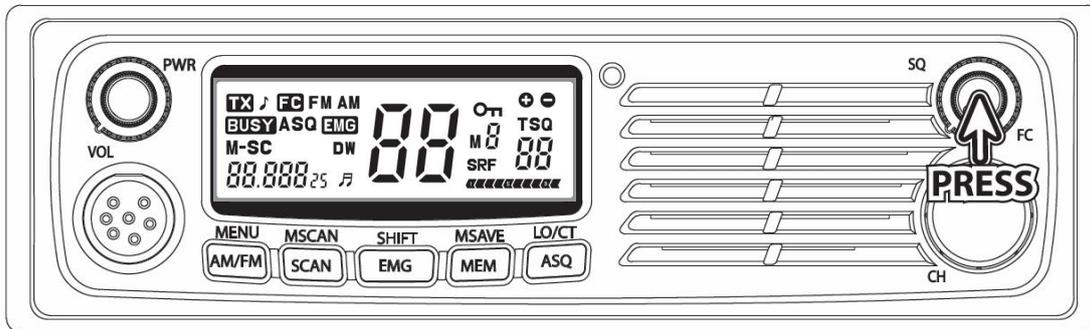
- This control is used to cut off or eliminate the background noise in the absence of incoming signals.
- Turned clockwise, it quiets the receiver when signal are not being received and allows a quiet stand by operation.
- The Squelch Control works only in receive mode and does not affect receiver volume when signals are received.
- To adjust, when no signals are present, rotate the Squelch Control clockwise until the receiver is quieted.
- Incoming signals will automatically release the Squelch action. Careful adjustment is necessary as a setting too far clockwise will not allow weaker signals to release the squelch action.
- Fine tuning may be important if you use the scanning functions. The scanner starts only if the squelch is closed and stops only if a signal is strong enough

The standard squelch of this radio is field strength operated. That means you decide by rotating the knob, at which field strength (S-meter value) the squelch can open.

A fully closed squelch potentiometer can suppress signals up to several hundred microvolts input level. In the most sensitive position it will open at signals less than 1 microvolt. You may also use the automatic squelch system ASQ. This works totally different from the signal strength operated squelch. The ASQ does not care about the signal strength, it reacts when the noise of a signal is reduced that a signal becomes understandable.

Operation

FC (Function) Selector



The squelch control knob has an important function, if you press this knob.

- If you press this SQ control knob short, you can start the %second+ functions which are printed in the upper part of each function control button.

AM/FM switching



You can select AM or FM modulation by pressing the AM/FM button.

Please note that in the German 80 CH system it is possible (and allowed) to listen in AM on all 80 channels, but transmit is only possible on CH 1-40 in AM. During receive mode, the bar graph shows the strengths of the received signal, during transmission, it shows the relative output power. In **DE** and **EU** settings, the AM power depends on the jumper setting on the lower printed circuits board side (see country switching)

SCAN



Your AE 6490/ AE 6491 incorporates a scanning feature. The radio will scan through all 40 (80) channels and will stop at BUSY channel. It will stay on that channel until seven seconds after conversation has stopped and then it will resume scanning.

- To start scanning turn on the power first and adjust the volume and squelch.
- Press the **SCAN** button to start scanning. The word **SC** will appear in the LCD display and the unit will start scanning.
- If you want to stop scanning you can push the scan button again or press the push to talk switch.

This will shut off the scanning function and transmit on that channel.

EMG Channel selection



The EMG (Emergency) button is for instant access to international Calling & Emergency channel 9, which is monitored by all truckers and many CB users and in some regions even by road safety organizations. If you need any help or assistance, it is a good idea to call on this channel 9. Truckers can be reached in most cases in AM mode.

The emergency channel is also used on the German highways as warning system in case of accidents, road maintenance or serious traffic jams with collision danger. If You pass a special beacon on your lane and a dangerous situation may be in front of you, you will be warned by alarm tones and voice announcement.

With the EMG key you can toggle between CH 9 and your previously used channel. The other, often used calling channel is Channel 19. If you want to use CH 19, please use **FC** and the second function button **SHIFT** (see page 14).

MEM Memory channels



To access memorized channels simply press the "**MEM**" button and choose the desired memory channel from **M1** to **M5** by pressing one of the buttons **AM/FM** to **ASQ**.

ASQ



As already mentioned in the squelch chapter, the ASQ is a feature that allows the radio to receive an incoming signal which is stronger than the surrounding noise level. This automatic switching function does not need any adjustment and works fully automatic. It opens at any signal which is good enough to be understood.

The sensitivity of the ASQ system is very good. It can even open at signal strengths below the nominal maximum usable sensitivity. The only criterion is the reduction of noise on the receiving channel.

However, the ASQ function is limited to normal receiving conditions on the CB band.

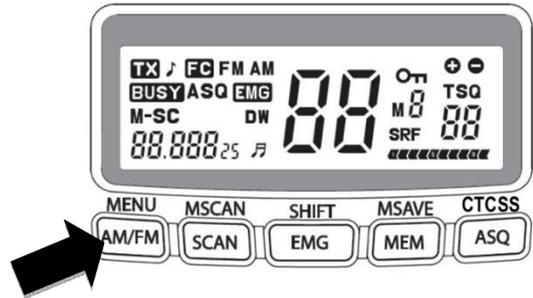
During periods of strong over-range wave propagation, strong sun-spot activities and very strong interference signals it may open from time to time without a voice signal may be heard. In such cases it may be better to use the standard squelch instead of the ASQ. An additional ASQ button can be found on the microphone!

Operation for secondary functions

MENU

This **MENU** button can control five **SUB MENU** functions in sequence.

To start the **MENU**, please consider that it is a secondary function like all others, which will be described in this chapter.



- You must press the **FUNCTION** knob (squelch button **FC**) first.
- The display will show **FC**
- Now press the **MENU** (AM/FM) button

You can reach:

- 1) Keyboard Beep on/off
- 2) Roger Beep on/off
- 3) LCD backlighting color select
- 4) LCD backlighting (dimmed and bright).
- 5) ASQ Level

Selection will be made by **UP** or **DOWN** buttons on the microphone or by the rotating channel switch.

- Press **MENU** 1 x or more often again for fixing your selection and the next step

- 1) **Beep on/off** . this is the keyboard beep tone



- 2) **Roger Beep on/off** . this is the short tone beep signaling the end of each transmission, after the calling station released the PTT button on the microphone

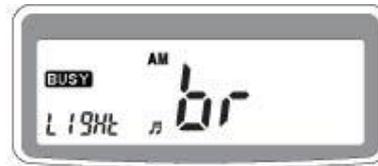


Operation for secondary functions

3) LCD backlighting color selection



4) LCD backlighting brightness control (dimmed or bright)



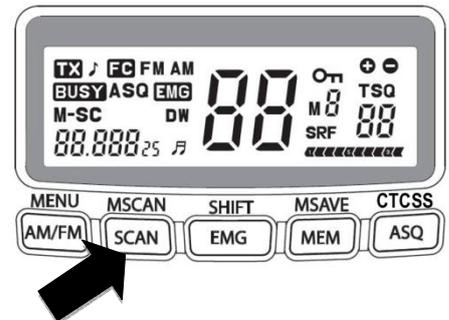
5) ASQ Sensitivity (Level 1 to 3)



MSCAN

The Memory channel Scan feature allows the radio automatically scan through memorized 5 channels.

- To access, press **FC** and **MSCAN**
- **M-SC** will appear in the LCD.

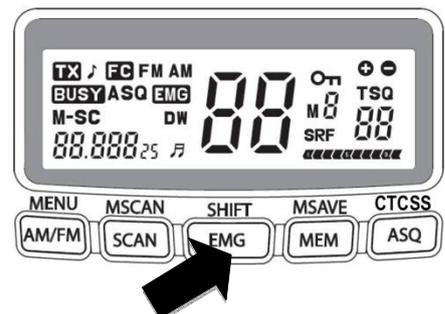


Now the radio scans automatically only the memorized channels and stops where radio traffic is detected.

Note: Please program some channels of your choice as memory channels! see the chapter under **MSAVE** on the next page.

SHIFT

The **SHIFT** function button for instant access to the alternative Trucker Emergency or calling channel 19. With **SC + SHIFT** you can toggle between CH 19 and the previously used normal operating channel.

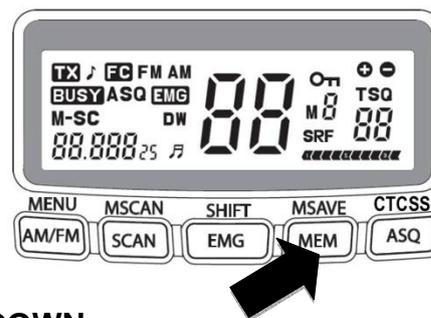


MSAVE

This MSAVE button is used to store any channel in the each memory buttons at **M1** to **M5**

To store channels:

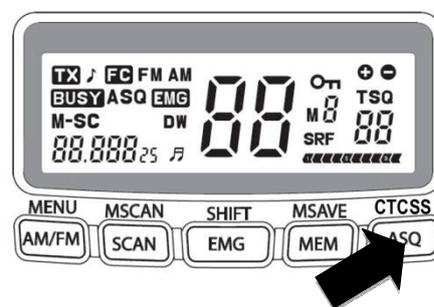
- Select the desired channel with **Rotary** knob or **UP/DOWN**
- Press **FC + MSAVE / MEM**
- You can choose any memory channel number with a button from **MENU (M1)** to **CTCSS (M5)**



CTCSS (Continuous Tone coded Squelch System)

Beside of the RF-level controlled Squelch and the ASQ, these radios are also equipped with CTCSS. CTCSS adds an unhearable tone to the transmission. If enabled, the squelch of a receiving radio only opens, when it receives a transmission from a radio with the same CTCSS setting. There are 38 different tones available. The CTCSS can be set separately for each channel and is only available in FM.

- Select the desired channel with **Rotary** knob or **UP/DOWN**
- Press **FC + CTCSS / ASQ**
- With the **Rotary** knob or **UP/DOWN** key select the CTCSS tone from 1 to 38 or **Off** to disable CTCSS
- Shortly press the **PTT** key



CTCSS-TONE FREQUENCY CHART

No	Hz	No	Hz	No	Hz	No	Hz	No	Hz
Of	OFF	08	88.5	16	114.8	24	151.4	32	203.5
01	67.0	09	91.5	17	118.8	25	156.7	33	210.7
02	71.9	10	94.8	18	123.0	26	162.2	34	218.1
03	74.4	11	97.4	19	127.3	27	167.9	35	225.7
04	77.0	12	100.0	20	131.8	28	173.8	36	233.6
05	79.7	13	103.5	21	136.5	29	179.9	37	241.8
06	82.5	14	107.2	22	141.3	30	186.2	38	250.3
07	85.4	15	110.9	23	146.2	31	192.8		

Technical Specifications AE 6490 CT/ AE 6491 CT

» General

TRANSMITTER	CRYSTAL CONTROLLED PLL SYNTHESIZER
RECEIVER	DOUBLE CONVERSION, SUPERHETERODYNE SYSTEM
VOLTAGE OPERATION	AE 6490 CT: DC 12V , AE 6491 CT: DC 12/24 V
TEMPERATURE	-10_ to +55_ C
CHANNEL STEP	10 kHz
DIMENSION	AE6490 CT: 188(W) x 57(H) x 118(D) mm AE6491 CT: 188(W) x 57(H) x 131(D) mm
WEIGHT	1.9 kg with standard accessory
EXTERNAL SPK JACK	3.5 mm MONO TYPE
UHF TYPE (PL) ANT. CONNECTOR	SO 239 (50 Ohms socket for PL 259 plugs)
CONDENSOR MICROPHONE & 6 PIN JACK	Corresponds to Albrecht & GDCH 6 pin standard wiring except PIN 4

» TRANSMITTER

OUTPUT POWER	FM 4 W / AM 4WATT
FREQUENCY RANGE	26.965-27.405MHz
FREQUENCY TOLERANCE	+/- 100Hz
MODULATION SENSITIVITY	2.5 mV (1250HZ INPUT)
MODULATION CAPABILITY	AM 85% / FM 2.0KHZ

» RECEIVER

SENSITIVITY	AM: 0.5 μ V (SINAD 10dB), FM: 0.5 μ V (SINAD 20dB)
SQUELCH close	up to 1000 μ V
AUTO SQUELCH	0.5 μ V
S/N RATIO	40dB
DISTORTION	3%
S/METER SENSITIVITY OF S9	100 μ V
Audio Output power	minimum 4 Watts at 8 Ohms

Customer Support & Warranty matters

» Troubleshooting

Check at first the power supply and the fuse. A problem may be caused through power supply, when no light or display appears after switching on. If the unit works in a strange way, disconnect the power supply cable (or take out the fuse from the holder), while the radio remains switched on, wait some time (minimum 10 seconds), and then reconnect power cord again.

Another method is to make a %Factory Default%reset. This reset may also reset the country switching and the last channel used- the radio just starts again like a brand new radio which had not yet been connected.

- Switch the radio off
- Press AM/FM and MEM button and keep them pressed during **switching the radio on**
- Release buttons
- The display shows **rS** and after a short time the radio starts again. In most cases the functions of the radio will be restored now.
- Check the microphone and antenna connector.

» European 2 years warranty

The distributor, dealer or retail shop where you bought the radio warrants to the original retail purchaser of this product that should this product or any part of it, under normal use and conditions, be proven defective in material or workmanship within 2 years from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product without charge for parts and repair costs. To obtain repair or replacement within the terms of this warranty, the product is to be delivered with proof of warranty coverage (e.g. a copy of your bill of sale), specification of defect(s), to the distributor, dealer or his authorized repair partner.

Liability for communications range of this product is disclaimed. The warranty does not apply to any product or part there of which, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number label(s). The warranty does not apply to accessory parts or problems caused through not authorised or not recommended accessories like other than the supplied microphone, external antennas, external power supplies and over voltage caused through external power supplies, lightning or over voltage defects via antenna or other cables, broken or damaged acrylic glass windows and cabinet parts.

Please contact the dealer or person where you have purchased the CB radio, or contact our repair service in Germany directly.

Where to find service hints and service documentation

The complete technical documentation is updated regularly. You can download the latest versions of user manuals, technical documents and conformity declaration, as well as service hints or FAQs any time from our server under

<http://www.service.alan-electronics.de>

If you should have a problem, please have a look to the service hints or frequently asked questions (FAQ) before you send Your CB radio to the service centre. Please

note that the acceptance of AM+FM in the different European countries has just started and may be subject to unpredictable changes. Our homepage will provide the latest information about using the radio.

Technical enquiries and repair matters:

e-mail: service@alan-electronics.de
Service-Download www.service.alan-electronics.de

Repair enquiries:
Phone: +49 6103 9481-22

If you have purchased your radio in another country, please contact the local distributor for all inquiries.

Our recommendation:

Before returning a radio, please call first your distributor or the service hotline. Our experience shows that many smaller problems can be cleared already by a simple phone call with our service hotline. If returning will be necessary, the hotline can also tell you the nearest service partner address and discuss with you the fastest way to get your radio repaired.

Recycling of defective electronics items

European laws request that electronics items shall not any more be disposed via the normal household trash. Since the industry has started to finance the recycling of electronics waste, local collecting stations everywhere are prepared to accept defective electronics items free of charge for the users.



» Technical Details for data transmission

Microphone socket wiring

Pin 1	Mic audio
Pin 2	PTT-RX (on ground for receiving)
Pin 3	PTT-TX (on ground for transmit)
Pin 4	Up, Down and ASQ buttons
Pin 5	Ground
Pin 6	+ Voltage for Mic-power if needed

For Packet Radio & others

Pin 1	Transmit audio
Pin 2	Receive audio
Pin 3	PTT key
Pin 4	Do not connect!
Pin 5	Ground
Pin 6	Do not connect!

The radio can be used for voice and data transmission and as well for internet gateway operation. Connections may be established via the microphone connector only. For data transmission, please use only the dedicated data channels which may be different from country to country.

Near to Switzerland border, we kindly recommend not to use CH 40 for any data transmission, because this is an established voice calling channel in Switzerland.

Legal Information and Conformity Declaration

Albrecht Radio Passport

For your AE 6490 CT / AE 6491 CT following programming and use rules apply (subject to change, as of May 2016) in countries that apply the European R & TTE directive:

Country	80/40	40/40	40 FM	Remarks
Austria	x	✓	✓	
Belgium	x	✓	✓	
Bulgaria	x	✓	✓	
Croatia	x	✓	✓	
Cyprus	x	✓	✓	
Czech Republic	✓	✓	✓	
Denmark	x	✓	✓	
Estonia	x	✓	✓	
Finland	x	✓	✓	
France	x	✓	✓	
Germany	✓	✓	✓	Base stations in vicinity of the borders (except CZ) need a license for the operation on channels 41-80.
Greece	x	✓	✓	
Hungary	x	✓	✓	
Iceland	x	✓	✓	
Ireland	x	✓	✓	
Italy	x	✓	✓	Registration for inhabitants required. Foreign Visitors free.
Latvia	x	✓	✓	
Liechtenstein	x	✓	✓	
Lithuania	x	✓	✓	
Luxembourg	x	✓	✓	
Malta	x	x	✓	
Monaco	x	✓	✓	
Netherlands	x	✓	✓	
Norway	x	✓	✓	
Poland	x	✓	✓	
Portugal	x	✓	✓	
Romania	x	✓	✓	
San Marino	x	✓	✓	
Slovakia	✓	✓	✓	In FM operation is only allowed on channels 1-40 and 70-80.
Slovenia	x	✓	✓	
Spain	x	✓	✓	Registration and regular fees for inhabitants required. Foreign Visitors free.
Sweden	x	✓	✓	
Switzerland	x	✓	✓	
United Kingdom	x	x	✓	

Declaration of Conformity



We hereby declare that our product: / Wir erklären hiermit, dass unser Produkt

CB-Radio Albrecht AE 6490 CT/ AE 6491 CT

satisfies all technical regulations applicable to the product within the scope of EU Council Directives, European Standards and national frequency applications:/ alle technischen Anforderungen im Geltungsbereich der EU Richtlinien, europäischer Normen und nationaler Frequenzanwendungen einhält:

**73/23/EEC, 89/336/EEC, 2004/108/EG and 99/5/EC
EN 300 135-2 V.1.2.1 / EN 300 433-2 V.1.3.1
EN 301 489-1 V.1.9.2, EN 301 489-13 V.1.2.1,
EN 60 950-1: 2006+A11 :2009+A1 :2010+A12 :2011+A2 :2013**

All essential radio test suites have been carried out. /
Alle für das Produkt vorgeschriebenen Funktestreihen wurden durchgeführt.

**Alan Electronics GmbH
Daimlerstr. 1 k
D- 63303 Dreieich**

This declaration is issued under our sole responsibility. Basing on not yet fully harmonised frequency applications, the CB radio may be used only in listed countries according to selected channel programming and according to the still existing national restrictions for AM + FM, if such should still apply.

Diese Erklärung wird unter unserer alleinigen Verantwortung abgegeben. Dieses Funkgerät darf wegen der noch nicht überall harmonisierten Frequenzanwendungen in AM + FM in einigen Ländern nur eingeschränkt oder gar nicht betrieben werden, entsprechend den noch geltenden nationalen Regelungen.

Alan Electronics GmbH declare, bajo su responsabilidad, que este aparato cumple con lo dispuesto en la Directiva 99/05/CE, del Parlamento Europeo y del Consejo de 9 de marzo de 1999, transpuesta a la legislación española mediante el Real Decreto 1890/2000, de 20 de noviembre.

Point of contact/Ansprechpartner: **Dipl.-Ing. Norbert Dau**
Place and date of issue:

Lütjensee, 01.12. 2015

(Signature)

Dipl.-Ing. Norbert Dau
Alan Electronics GmbH

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