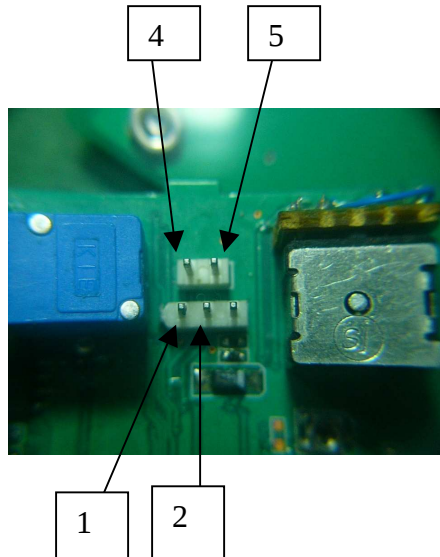


Channel conversion from code: 0 to US

1. Turn OFF the unit
2. Open the cover speaker side.
3. Between CHANNEL and PUSH FUNC there are five terminals provided for conversion. Terminal 1,2,3,4, and 5



4. By using mini jumper put into terminal 1&2 and then turn on the unit, and take out mini jumper.
5. Using the “CHANNEL” selector, select the desired code from Code 0 to code US.
6. After selecting the desired code turn “OFF” and then “ON” the unit to operate it on the selected code.
7. Terminal 4&5 are used to lock the set code by installing mini jumper

Other settings summary

MIC Gain can be programmed in 7 steps between "3" and "10" from low to high via keypad. Just press the menu button 1 x and then You can select MIC sensitivity by UP /Down.

Same procedure with **RF Gain**.

The radio is sold with officially allowed CB country codes

- **dE (80/40/40),**
- **E (40/40/40) ,**
- **PL 40/40/40 with Poland offset) ,**
- **UK (40 CH UK FM + 40 CH international FM) ,**
- **CE (only 40 international FM) and**
- **US (only AM and SSB, 40 Channels).**

An additional jumper on main board allows “**old**” EU power (AM 1 W / SSB 12 W) or “**new**” power (AM 4 Watts / SSB 12 Watts)
The CB codes are open to everybody via keyboard combination.

To extend for radio amateurs users, you only have to put a temporary jumper at positions 1&2 , only for the time of selection: Then the selection opens

- 0 = 10 and 12 m Band
- 1 = 10 m Band
- 2 = 12 m Band
- 3 = 450 CH international
- 4 = 450 CH with Poland offset
- + all legal codes
- after selecting the desired codes jumper shall be removed again and unit makes exactly the desired Code, this works **until user makes a reset.**

After Reset, the radio is working with CB again.

But it is also possible to **fix the selected code** permanently so that no reset and no other key operation can change it.

For this, another jumper (pins 4&5) must be inserted and remain plugged in.

Most important differences between AE 2990 AFS and AE 5890EU is that the mobile radio has extra potentiometer for squelch, a power potentiometer and the possibility to limit the country codes to 40 FM (e.g. for Austria) as well.

The hand held radio has lower power and does not offer all these possibilities