

The sequence is keyed through the AR3030 numeric keypad:

[4] [8] [0] [0] [ENT] for 4800 bps operation

or

[9] [6] [0] [0] [ENT] for 9600 bps operation

To restore normal "local" operation to the AR3030 either key in the sequence Q [CR] via the RS232 or switch the AR3030 Off, wait for 5 seconds then switch On again.

AR3030 General Coverage Receiver addendum

Please note the following points regarding the AR3030 receiver:

1. Microprocessor reset.

There is a 'small' chance that the receiver will not power up correctly when switched on for the first time. This is due to the buildup of a static charge during transit from the packaging etc. Should this occur, simply switch the set off, disconnect the power supply and leave for a few minutes. Reconnect and test. Should a problem still persist, please refer to page 46/47 section (9) of the operating manual.

N.B. An additional SOFTWARE FULL RESET is available by depressing the [ENT] key (either of the mode keys on some production units) while switching the receiver On. Hold in the [ENT] key while all the LCD segments appear and keep it depressed until the set returns to 10.000 MHz, **only then release the key**, this will ensure a "full" reset. This may be useful should the standard reset not appear to "fully" reset the unit.

See the later note regarding the SSB filter option (if fitted).

2. Optional Collins 2.5 kHz SSB filter (USB/LSB/FAX).

Should you wish to fit the optional SSB filter it MUST be fitted in the standard SSB filter position replacing the Murata 2.4 kHz filter, it CANNOT be fitted in the CW narrow position (page 13 section 5-8 of the operating manual). Nor is it possible to fit an additional AM filter in the CW narrow position.



Should the Collins SSB filter be fitted and the receiver's microprocessor reset you must hold the [3] key while resetting via the bottom case reset switch. This action alters the carrier re-insertion point to optimise the SSB filter's characteristics.

To “fully optimise” the Collins SSB filter performance, the carrier crystals may be replaced at a small additional charge.

3. BFO in CW mode.

The BFO is permanently engaged in the CW mode (page 29 section 6-10).

4. Collins filter identifying numbers.

Two filters of identical specification are used in the receiver as listed below:

AM filter	526 8636 010 or 526 8695 010
SSB filter (option)	526 8635 010 or 526 8694 010
CW filter (option)	526 8634 010 or 526 8693 010

5. Collins label.

The red Collins Inside label on the top case is of a reusable design. We acknowledge that such a label may not be to everyone's taste so have chosen a non-adhesive design. Should you wish to remove it, simply peel the label off.



6. Carton box.

Despite the carton box being durable, it is of a basic design. The cardboard carton has been intentionally chosen for environmental reasons being degradable... unlike traditional polystyrene.



7. Audio quality on AM

The AR3030 has been designed to provide the very best selectivity for shortwave broadcast listening. Should you listen to strong signals such as Radio 4 (198 kHz), more treble may be produced by moving the passband. Off-tune the receiver by 1 kHz UP or DOWN and reassess the audio. Of course this technique cannot be used for synchronous AM listening (S.AM).



Due to the excellent stability offered by the Temperature Compensated Crystal Oscillator (TCXO), it is possible to listen to AM broadcasts while in the USB and LSB modes. This can be very useful for removing adjacent interference which is affecting one side of the AM signal only.

8. REMOTE RS232C

To place the AR3030 into RS232C control mode, the initialisation key sequence must first be keyed in through the keypad (not via the RS232 port).

