

8.7 T2000-34 Selcall Kit

The T2000-34 kit provides selective tone calling (Selcall) facilities for T2010 and T2015 model T2000 Series II radios.

The Selcall kit consists of a small module and a 5MHz crystal that are fitted to the radio's logic PCB. This option allows selective individual or group calls within a fleet of radios, on channels that have Selcall programmed. Selcall parameters and features are set up and enabled during programming. Both Sigtec and International group formats are supported by the T2000-34 PCB.

Refer to Section 8.7.3, "Programming" for a list of user-selected features. The following topics are covered in this Section:

Section	Title	Page
8.7.1	Components Required	8.7.2
8.7.2	Fitting	8.7.2
8.7.3	Programming	8.7.3

8.7.1 Components Required

The T2000-34 kit contains the following components:

Quantity	Description
1	T2000-34 Selcall module
1	5MHz crystal with insulator

8.7.2 Fitting

Refer to Figure 8.7.1 and Section 7.10, "T2010 & T2015 HC05 Logic PCB".

- 1 Remove the top cover of the radio by unscrewing the four cover screws, unscrew the logic PCB and fold-out.
- 2 Unplug the connecting looms, if required.
- 3 Place the Selcall module flat on the logic PCB, as shown in Figure 8.7.1, with the component side facing upwards.
Solder the leads on the bottom side of the PCB and trim as necessary.
- 4 Fit the supplied 5MHz crystal flat on the PCB in location '#X502' as follows:
Peel the protective backing off the self-adhesive foam tape on the underside of the crystal.
Insert the crystal leads into the holes provided and press the crystal down onto the PCB.
Solder the leads on the underside of the PCB and trim as necessary.
- 5 Reconnect any looms that were unplugged in step 2.
Refit the logic PCB to the radio and secure with the three retaining screws.
Refit the top cover and secure with the four retaining screws.

Parameter	Selection
Deferred Calling	enabled or disabled
ANI Sequence	leading, trailing or random encoding
Emergency Sequence	enabled or disabled
Alert	internal and external durations
Tone Blanking	standard

* These tone periods are not defined by international standards. Wherever possible, use the international standard tone periods.