



MOTOROLA

STATION OPERATION

1

DESCRIPTION

This section describes the LED indicators and connectors provided on the station.

The set of LEDs indicate the operational status of the station.

There are two sets of connectors for devices external to the station:

- One set connects to external devices to enable full operation of the station. These are located at the back of the station.
- Another set connects to external devices for servicing the station. These are located on the Station Control Module.

LED Indicators

A set of 4 LEDs is located on the station front panel. The position of the 4 LEDs on the front panel is shown in Figure 1. These LEDs indicate the status of the station during normal operation.

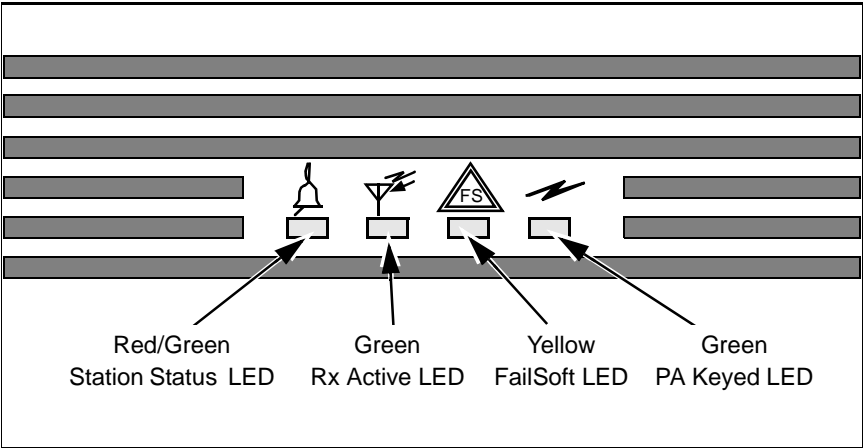






Figure 1. Front Panel LEDs

For further information on the states indicated by these LEDs, refer to the INSTALLATION section, Post Installation Checklist, Verifying Proper Operation.

	Function	Color	Indicates ...
	Station Status	red / green	... operational status of station.
	Rx Active	green	... that the station Rx activation criteria are satisfied. This could be: <ul style="list-style-type: none"> - RF carrier only, - PL/DPL only, or - RF carrier plus PL/DPL.
	FailSoft	yellow	... (if set up for trunking) that the station is not being controlled from the trunking central controller.
	PA Keyed	green	... that station PA is keyed.

External Device Connections

Refer to INSTALLATION, Electrical Connections for the position of the station external connectors and line cord, located on the back panel.

A BNC connector on the front of the SCM allows the station to be connected to a 5 MHz or 10 MHz external reference signal.

Figure 2 shows the position of the BNC connector on the SCM.

Service Connections

Service ports and LEDs are located on the front of the Station Control Module (SCM).

Figure 2 shows the position of the connectors on the SCM.

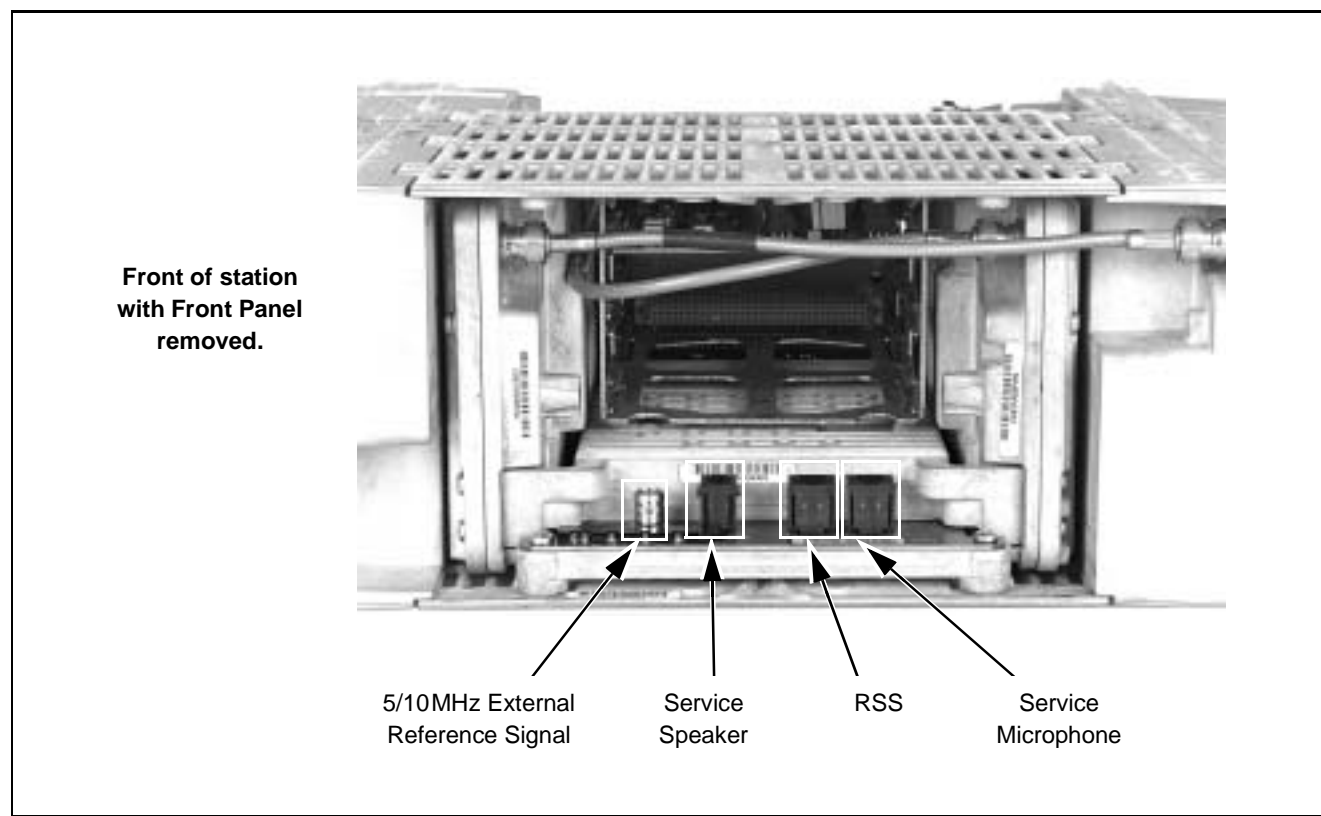


Figure 2. SCM Connectors

The service ports include connectors for:

- RSS:
connects between the telephone connector on the Station Control Module and the DB9 connector on a PC. A DB25 connector can also be used to connect to the PC, when used with a DB25-DB9 adaptor.
- Service Speaker:
connects between the telephone connector on the Station Control Module and an external speaker/amplifier (with a 6 pin molex connector) via an adaptor cable; part number 0185180U01.
- Service Microphone:
connects between the telephone connector on the Station Control Module and a service microphone.