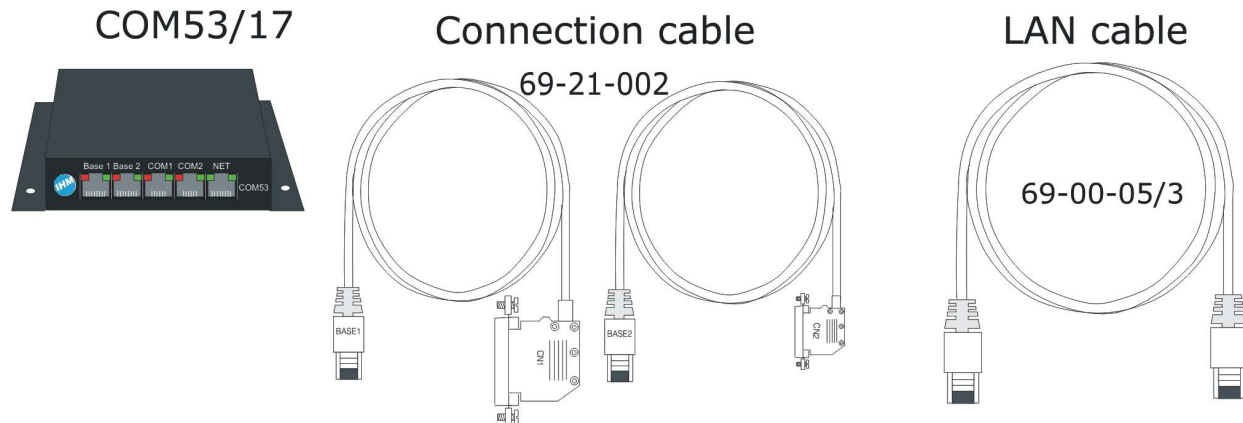


87-COM53/17 - SPECTRA MX800

PRODUCT SHEET

The 87-COM53/17 is a VoIP Radio Base Station Controller for connection of one SPECTRA MX800 Radio Base Station.

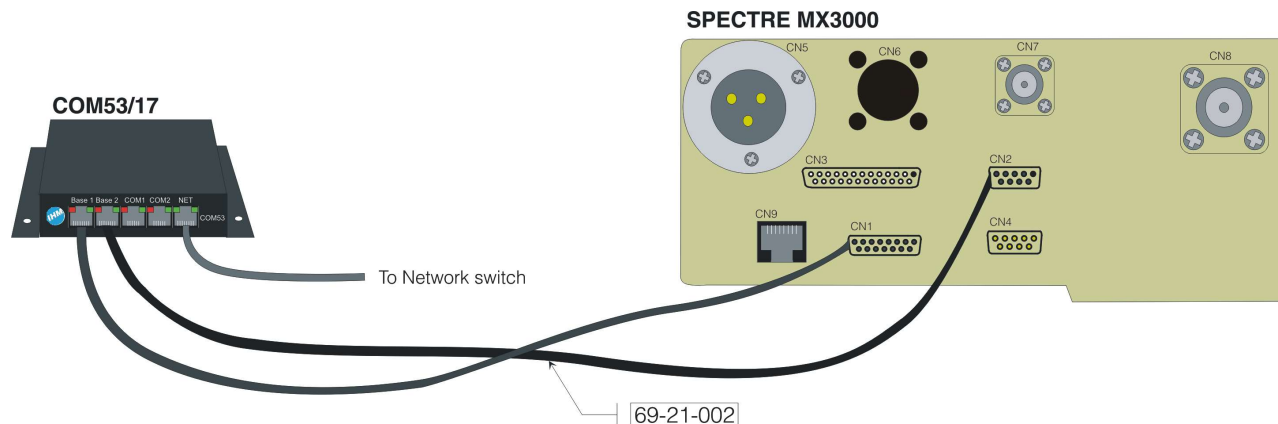
The COM53/17 kit includes interfaces cables for connection of one radio unit.



The radio interface

The Spectra MX800 is capable of being used in many different applications. The unit is an excellent choice for a conventional base station or repeater. The IHM interface connects to one unit, and includes squelch, channel selection, power selection and PTT.

Please note: The MX800 unit is not part of the IHM delivery.



Functions

- Audio input and output to and from the radio
- PTT output (relay)
- Squelch input (opto coupler)
- Single channel

87-COM53/17 - SPECTRA MX800

PRODUCT SHEET

Technical data

Parameter	Test conditions	Min.	Typ.	Max.	Unit
Supply voltage					
Vsupply		10.6		30.0	Vdc
Current consumption					
Isupply	Vsupply = 12Vdc		250	350	mA
	Vsupply = 24Vdc		150	250	mA
Ethernet					
Connection	IEEE 802.3 / RJ45				
Speed	Dual Speed 10/100 Mbit/s		100		Mbit/s
Auto	Auto Negotiation Enabled				
Bandwidth required	Per active voice channel	128			Kbit
Latency	one direction, both directions			150 300	msec
Jitter		160			msec
Broadcast	Should be avoided or kept to a minimum				
Base Station					
Input-level		-25	-10	-3	dBm
Output-level		-25	-10	-3	dBm
Impedance			600		ohm
Temperature range					
Ambient		0°		55°	C
Storage		-10°		65°	C
Mechanical specifications					
Module type (PCB)	120*100mm				
Weight (PCB)	100 g				
Box size	110 x 130 x 28mm				
Weight (PCB + Box)	250 g				
Weight (PCB + Box + Cables)	600 g				

Important !

COM53/17 firmware: C53_VTS_v306.hex and code file C53_VTS_Generic_default_v10.com53.ihm supports the SPECTRA MX800 single channel radio base station.

Up to IHM PnP series 2.0, you must select this radio base station as 'Generic' using the MCS setup tool.

MX800 – Settings

- Default