

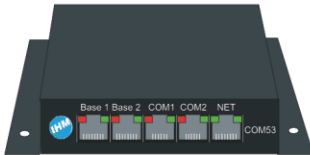
87-COM53/SIP/01

PRODUCT SHEET

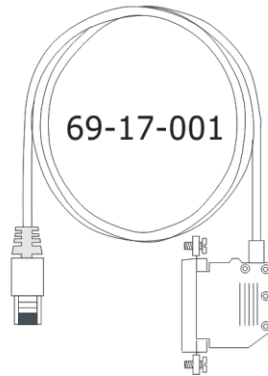
The 87-COM53/SIP/01 is a SIP/RTP MotoTrbo Controller for patching mobile radios to a SIP-PBX.

The COM53/SIP/01 kit includes a patch cable and interface cable for connection of one Motorola SLR5500.

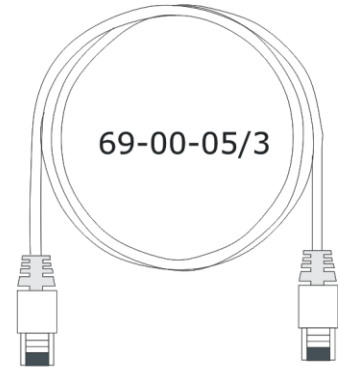
COM53/SIP/01



Connection cable



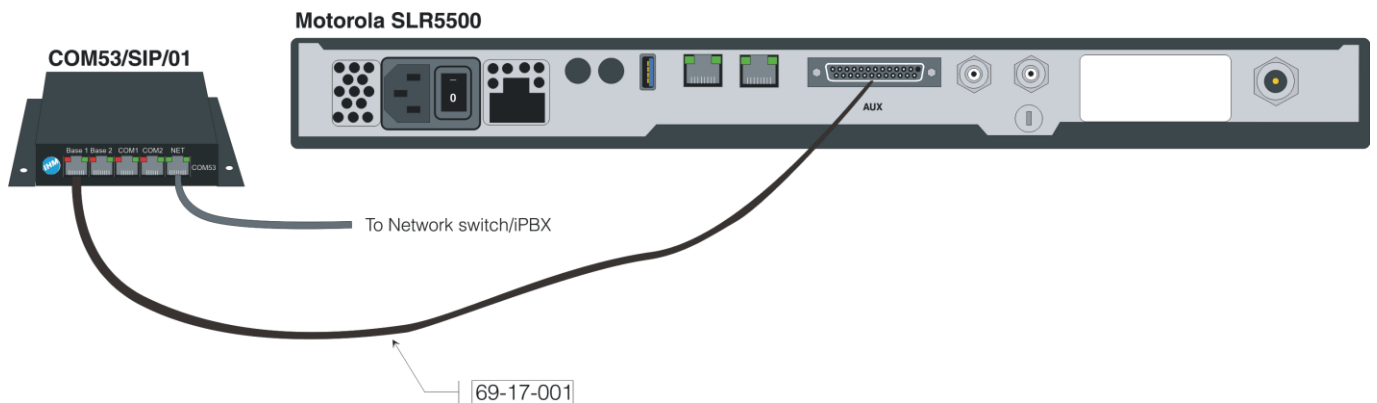
LAN cable



The radio interface

The interface includes audio input and output, a PTT function, and carrier detect. The interface can be used to connect a radio with more timeslots,

Please note: The radio and IPBX is not part of the 87-COM53/SIP/01.



Functions

- Audio input and output to and from the radio/iPBX, can work in either simplex or duplex mode.
- PTT output (relay).
- Carrier detect
- Private Call patching
- Group Call patching
- Timeslot select, from telephone subscribers

87-COM53/SIP/01

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
RS232					
Vout Low			-5V		V
Vout High			5V		V
Baud rate	Adjustable	2400		115200	Baud
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)			500 g		

Important !

COM53/SIP/01 firmware

c53v-MotoSIP_10_0.hex and code file Com53 SIP.com53.ihm

Motorola SLR5500

The SLR5500 must include licenses allowing for phone patching.