

CENTRAL DESKTOP MODEM WITH VOICE FORWARDING

MCV 712 Eng.



- Replaces previous model MCV 711
- Option of recording & sending messages BY vocal synthesis.
- Call tone: standard
- Uses a dedicated analogue line, either directly or via an exchange.
- One RS 232 serial communication output for PC.

1. APPLICATION

MVC 712 modem is for use in "TELECOSTER" remote management systems for:

- communicating, in "Standard tone" with all COSTER modems installed at remote sites
- forwarding alarm signals vocally to other telephones;

Warning: COSTER modems MDP 612 and MPF 612, besides the standard call tone have a special tone called "COSTER TONE".

This special tone, in practice, is no longer used.

Should it be necessary to communicate with modems configured with this special tone, it is indispensable to install the MCV 712 coupled to the MCT 710 modem.

MCV 712 can also communicate with a GSM Modem if the SIM card is valid for fixed-line data calls. In these cases, the use of an external GSM Modem is recommended, and connections should always be of the Fixed-Fixed, and GSM data-GSM data type.

Mixed connections may present problems, depending on the GSM provider used.

Also, the cost of Fixed-Mobile calls fully justifies the use of both GSM and Fixed Modems from the same remote management control station.

2. ACCESSORIES PROVIDED

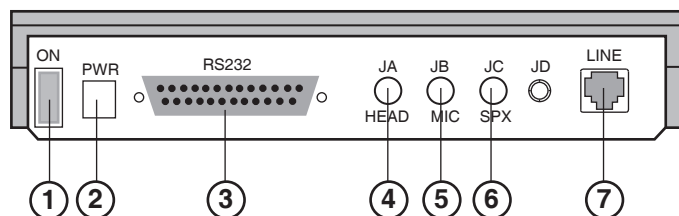
With the modem are supplied:

- 1 external power transformer;
- 1 telephone cable fitted with a type RJ11 plug and with 1 three-pole plug to connect to the telephone network and to a parallel telephone;
- 1 RS232 serial cable.

3. TECHNICAL DATA

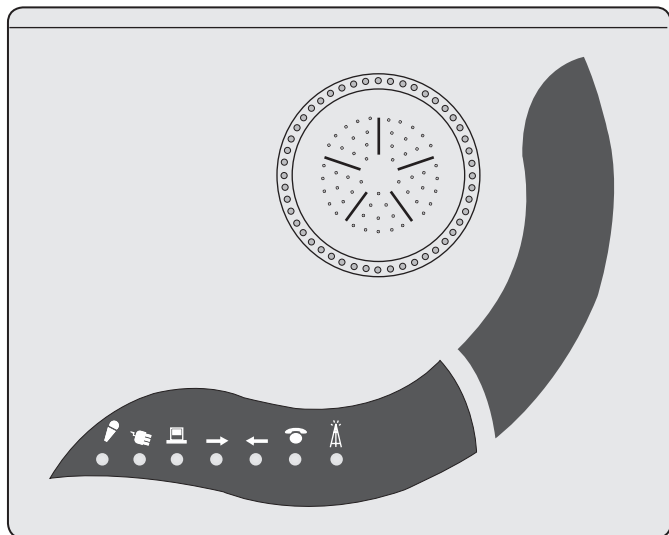
Power supply	External transformer (included)	Ambient temperature:	
	Input : 230 V ~ ± 10 %	- operation	0 ... 45 °C
Consumption	5 VA	- storage	- 25 ... + 60 °C
Protection	IP40	Dimensions	180 x 140 x 30 mm
Construction standards	Italian Electrotec. Committee (CEI)	Weight	0.3 kg
Operation	Full Duplex		
Characteristics of transmission & reception:			
	- as given in attached Instruction Booklet.		

4. REAR VIEW



- 1 - On-Off switch
- 2 - Power supply
- 3 - RS 232 serial port (25 poles)
- 4 - Output jack for earphones
- 5 - Input jack for microphone
- 6 - Input jack for loudspeaker
- 7 - Telephone line

5. FRONT VIEW



- Microfophone
- Modem powered
- Terminal data ready (DTR) (C108)
- Transmission data (TD) (C103)
- Reception data (RD) (C104)
- Carrier wave data received (DCD) (C109)
- Modem on-line

6. INSTALLATION

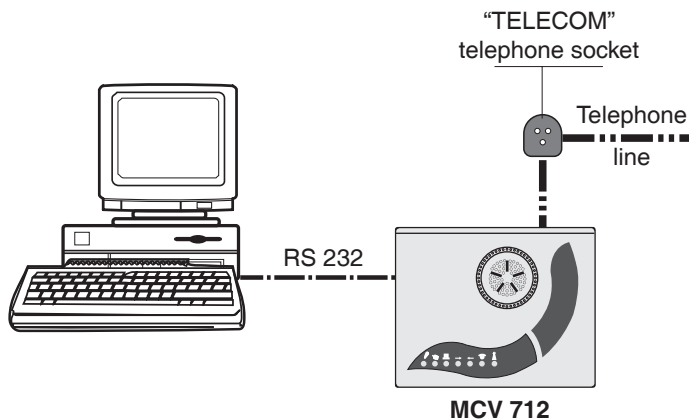
MVC 712 is usually installed in the office of the site manager.

It is used for connecting the telephone with the modems installed at the remote sites :

- 1) If they are MPD 612 or MPF 612 models, they must all be configured to receive calls in "STANDARD & COSTER" tone, because they use dedicated telephone lines or share the telephone line with a telephone;
- 2) If they are any model, more recent for analogue line, it is not necessary to make any configuration
- 3) If they are any GSM model it is not necessary to make any configuration

7. CONNECTIONS

MCV 712 is compatible with most pre-existing COSTER modems



WARNING: COMMUNICATION WITH PRE-EXISTING COSTER MODEMS

MCV 712 is compatible with most pre-existing COSTER modems.

For MPD 612 and MPF 612 modems, which have to operate with COSTER CALL TONE, because they operate with lines shared with other users (e.g. other modems and faxes), it is necessary to contact the COSTER technical service in order to find a solution also for these applications.

To record voice messages it is advisable to operate to use the integrated microphone in a noise-free room.

Amendment to data sheet

Date	Revision n.	Page	Section	Amenment description	Firmware version	Software version
10.05.10 MM	01	1 - 2	vari	New photograph		
09.12.10 MM	02	1	1. APPLICATION	Clarifications added to the "Warning" section.		



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