

DESK MODEM WITH ALARM VOCAL TRANSFER

MCV 711 Eng. C1



- It replaces the MCV 710.
- It offers the possibility of alarm vocal transfers
- It communicates with : **COSTER modems MPD 612, MPF 612 and possible future ones. The modems must be adjusted to Standard dialling tone and not to the one of COSTER.**
: **COSTER modems GSM ... (analogic).**
- It uses a separate line or a line or a dedicated one going through a switchboard
- 1 RS 232 interface per PC

1.APPLICATION

The MCV 711 is used in TELECOSTER telemanagement systems for:

- communicate via '**Standard tone**' with modems MPD 612, MPF 612, GSM... installed within the plant (eg boiler plants)
- to transfer vocal alarms to telephone units.

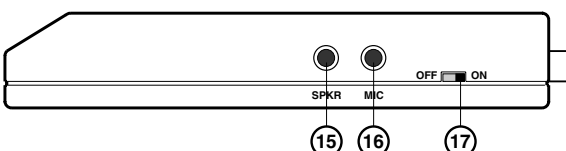
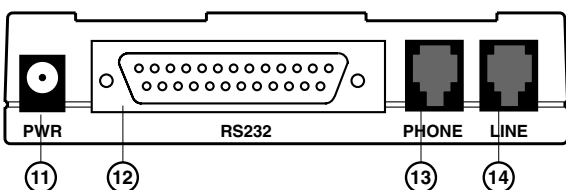
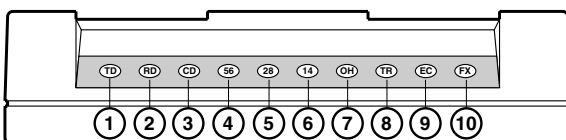
Warning: when it is necessary to communicate with modems layout to answer only to 'Coster' tone, it is necessary to install the MCV 711 together with the modem MTC 710

2.ACCESSORIES SUPPLIED

The following are supplied with the modem:

- 1 external power transformer
- 1 telephone cable fitted with RJ11 type plug
- 1 BAPT approved plug and cable to connect the modem to BAPT approved network and to another telephone unit.
- 1 RS 232 cable
- 1 CD-ROM with technical data
- 1 manual
- 1 headphone with microphone

3.MCV711



- 1 - TD : data transmission, it flashes when data are being transmitted
- 2 - RD : data reception, it flashes when data are being received
- 3 - CD : it lights up when connecting
- 4 - 56 : not used in 'TELECOSTER' system
- 5 - 28 : not used in 'TELECOSTER' system
- 6 - 14 : not used in 'TELECOSTER' system
- 7 - OH : is lit when the modem engages the telephone line
- 8 - TR : is lit when the computer is connected and ready to be used
- 9 - EC : is lit when error correction has been activated
: (flashes when data compression has been activated)
- 10 - FX : not used in 'TELECOSTER' system
- 11 - : power supply
- 12 - : serial port RS232, DB25 to the computer
- 13 - : RJ11 type plug for telephone unit in parallel
- 14 - : RJ11 type plug to telephone line
- 15 - : jack socket for headphone
- 16 - : jack socket for microphone
- 17 - : switch

4. CONNECTIONS

The MCV 711 is normally installed adjacent to the management controller.

It is used for the telephone connection with the modems installed within the plant (MPD 612 and MPF 612). These modems can be:

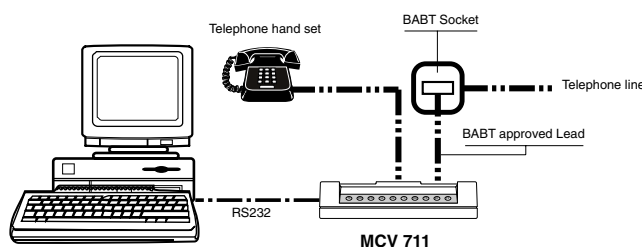
- 1) all configured to receive STANDARD and COSTER tone, because they use dedicated telephone lines or share a telephone line with a telephone handset.
- 2) all configured to receive calls only in COSTER tone, since they share the telephone line with another modem or with a fax machine
- 3) a part of them configured only to receive calls in STANDARD tone and a part of them configured to receive calls in COSTER tone

According to the configuration of the remote modems, the type of installation of the MCV 711 within the plant varies:

4.1 MCV 711 installation to call remote modems with STANDARD tone only

When all the modems within the plant use dedicated telephone lines and share the line with a telephone handset the MCV 711 must be connected:

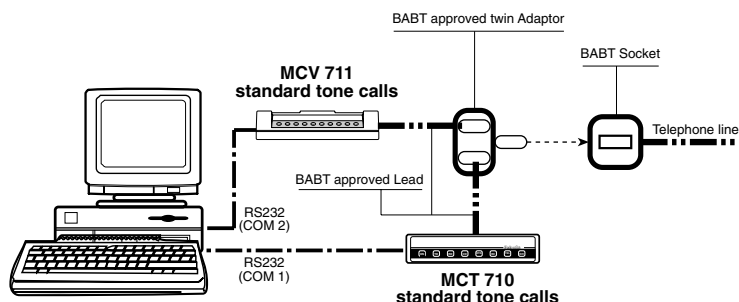
- to the serial port of the computer, via serial cable connected to the socket RSR 232 at the back of the modem (3.12);
- to the telephone line via RJ11 input at the back of the modem (3.14);
- (if it is the case) to a telephone handset is connected to the modem via RJ11 socket placed at the back of the modem (3.13), - the telephone can only be used for calling out.



4.2 MCV 711 installation to call remote modems also with COSTER tone

When all or only part of the remote modems share a telephone line with another modem or with a fax. The MCV 711 must be installed together with the MCT 710 modem, and in this case the required connections are:

- the MCT 710 must be connected to the telephone line using a BT socket adaptor provided
- connect the telephone line of the MCV 711 using the BAPT approved socket adaptor of the MCT 710 (in this way the two modems share the same line)
- the MCT 710 must be connected to a serial port of the computer (eg COM1)
- the MCV 711 must be connected to the other serial port of the computer (eg COM2)
- by using the SWC 710 programme make the right configurations so that the calls with COSTER tone will only use the MCT 710 modem.



5. TECHNICAL DATA

Power supply

External transformer (supplied)

Transmission and reception features:

Input : 230 V ~ ± 10 %

- as indicated in the provided manual

Output : 9 V 450 mA

Ambient temperature

5 VA

- operation

IP40

- storage

Consumption

Protection

Construction standard

Italian Electrotech. Committee (CEI)

Dimensions

Operating mode

Full Duplex

Weight

Call mode:

- in multifrequency

ATDT

- pulses

ATDP

0 ... 45 °C

- 25 ... + 60 °C

108 x 144 x 25 mm

0.3 kg

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