

Radio tuner

F500N

Description

The radio tuners item F500N can receive FM radio stations. The front pushbuttons and the backlit display adjust the device locally, save 15 radio stations and display RDS messages and the tuned frequency.

It is also capable of performing two types of station searches: manual and automatic. The device can be managed (switching ON and OFF, frequency change, etc.) both locally and remotely (via the SCS BUS) using the flush mounted amplifier, or the MY HOME control devices (e.g. Touch Screen and Local Display).

In order to receive the radio channels correctly the type of antenna used must be selected: if the F500N is installed in a zone of the building with sufficient signal strength, the wire antenna can be used. If the signal strength inside the building is not sufficient, the external antenna can be used (e.g. antenna installed on the roof), using the coaxial connector and the appropriate adapter cable. The type of antenna is selected using the configurator.

Technical data

Power supply from SCS BUS:	18 – 27 Vdc
Max. absorption:	20 mA @27 V – 25 mA @18 V
Absorption in stand-by:	5 mA @27 V – 9 mA @18 V
Dissipated power:	0.5 W
Operating temperature:	5 - 45 °C
FM reception band:	87.5 – 108 MHz

Antenna to be connected

Maximum level (*):	70 dBµV
Minimum level (*):	40 dBµV (mono) - 50 dBµV (stereo)

(*) The maximum and minimum levels that must be guaranteed at the antenna socket for correct FM band reception.

Dimensional data

4 DIN modules

Configuration

⊙	⊙	⊙	⊙	⊙	⊙
S	MEM	ANT			
⊙	⊙	⊙	⊙	⊙	⊙

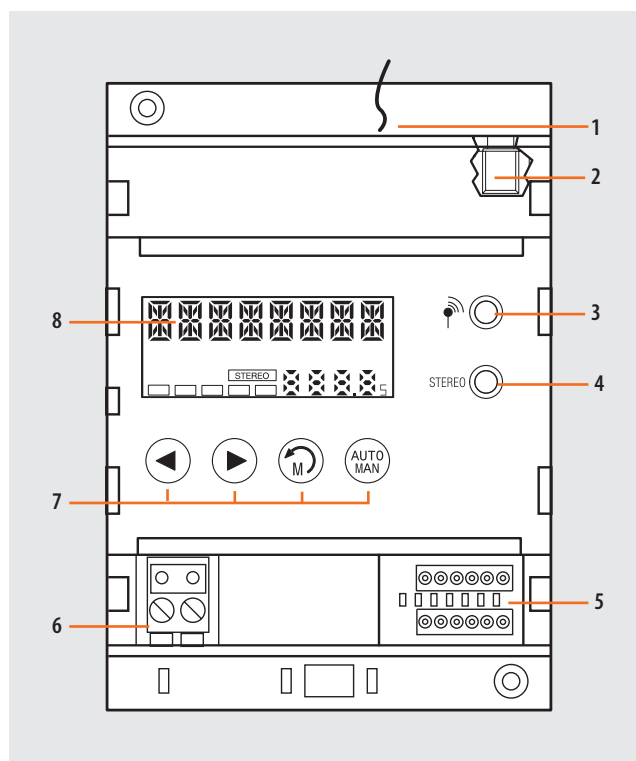
S: 1 – 4 local address of the source

MEM: number of stations that can be stored

Configurator	No. of stations
–	5
2	10
3	15

ANT: this indicates the type of antenna used by the radio

Configurator	Type of antenna
–	Indoor (wire)
1	Outdoor (Coax)



Legend

- Wire antenna
 - MCX connector for the outdoor antenna (e.g. roof antenna) (*)
 - Green LED on steady: good quality signal reception
 - Red LED on steady: stereo reception (mono reception when off)
 - Configurator socket
 - Removable 2 pole connector for the connection to the SCS BUS of the sound system
 - Radio tuner programming and radio program scanning keys
 - Frequency decrease
 - Frequency increase
 - Selection/storage of stations (short/extended pressure)
 - Frequency scanning mode: manual/automatic
 - Press at the same time for 5 seconds to store the station in the memory
 - LED backlit display for the display of frequency, RDS messages, and stored stations
- (*) Cable with MCX-F connector supplied as standard.