MDS 1060/1120/1240

CMDS COMPACT SYSTEMS

Description

60W / 120W / 240W Compact sound-broadcasting systems
The compact systems of the MDS1000 range combine in a single piece of equipment a reliable amplifier, an MP3 player, an SD/MMC card reader, an USB socket for connection to external storage units and a digital FM tuner, in addition to a range of functions typical of sound-broadcasting systems.

The XLR sockets on the rear panel can be separately configured as microphone inputs (with or without phantom power supply) or as line inputs. The operating mode can be selected by means of the specific three-position switches. Each of these inputs has its own level control so as to be able to adjust the amplitude of the various different signals suitably. In addition, the INPUT 1 microphone input has an automatic precedence function (VOX): when speaking with the microphone connected to this input, all the music and microphone inputs will be automatically muted. It is possible to connect any FBT AUDIO CONTRACTOR microphone of the dynamic type and MBT 6400S microphone bases to the equipment of the MDS1000 range.

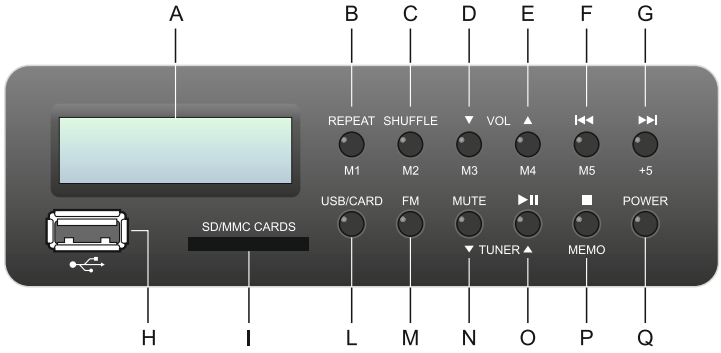




Functional features

- MP3 file player via USB, SD or MMC card.
- FM digital tuner
- No 3 x MIC/LINE inputs with operating mode selector switches.
- No 1 x VOX input (INPUT1)
- No 1 x auxiliary input for sound sources (TAPE/CD).
- XLR sockets for connection to dynamic microphones and/or MBT6400S microphone stations.
- Terminal strip for loudspeakers output (25-70-100V / 4Ohm).
- Terminal strip for external 24Vdc power supply.
- Terminal strip for microphone precedence-
- Possibility to connect an external equalizer and/or booster.
- Provisions for mounting in a standard 19" rack using optional specific accessories.
- Selectable mains power (230/120Vac).

Multipurpose panel



Description of the controls

USB/CARD Mode (*.mp3)

A) Backlitdisplay.
B) Repetitionoftracks.
C) Randomrepetition.
D) Volume–
E) Volume+
F) Previoustrack/Fastrewind.
G) Nexttrack/Fastforward.
H) USBsocketforexternaldevices.
I) CompartmentforinsertingSD/MMCcards.
L) USB/CARDmodeselection.
M) FMtunermodeselection.
N) Mute.
O) Startplaying/Pause.
P) Stopplaying.
Q) ModuleON/OFFswitch.

FM Mode(TUNER)

B) FM1memory.
C) FM2memory.
D) FM3memory.
E) FM4memory.
F) FM5memory.
G) SelectionofFM6to10memories.
N) Tuning–
O) Tuning+
P) Storechannels.

FBT ELETTRONICA S.p.A. reserve the right to make changes to the drawings and specifications at any time and without notice.

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TECHNICAL SPECIFICATIONS	MDS 1060		MDS 1120		MDS 1240	
RMS output power (THD <1%)	60 W		120 W		240 W	
Constant voltage outputs	100, 70, 25 V					
Low impedance outputs	4 Ω					
Tones control						
Bass tones @100 Hz	± 12 dB					
Treble tones @10 kHz	± 11 dB					
Microphone/line inputs	**MIC.**	**LINE**	**MIC.**	**LINE**	**MIC.**	**LINE**
Input sensitivity/impedance	3 mV / 1,5 kΩ	250 mV / 100 kΩ	3 mV / 1,5 kΩ	250 mV / 100 kΩ	3 mV / 1,5 kΩ	250 mV / 100 kΩ
S/N Ratio	68 dB	72 dB	70 dB	76 dB	70 dB	76 dB
S/N Ratio ('A' weighted)	73 dBA	80 dBA	73 dBA	82 dBA	73 dBA	82 dBA
INPUT 1 VOX activation threshold	0,9 mV	-	0,9 mV	-	0,9 mV	-
Frequency response	35 ÷ 16.000 Hz					
Phantom supply	18 V / 2,2 kΩ	-	18 V / 2,2 kΩ	-	18 V / 2,2 kΩ	-
Au iliar input						
Sensitivity/impedance	400 mV / 22 kΩ					
S/N Ratio	78 dB		80 dB		80 dB	
S/N Ratio ('A' weighted)	85 dBA		82 dBA		85 dBA	
Frequency response	30 ÷ 18.000 Hz					
VOX and precedence attenuation	-60 dB					
PWR IN input						
Input sensitivity/impedance	1 V / 22 kΩ					
S/N Ratio	85 dB		93 dB		93 dB	
S/N Ratio ('A' weighted)	100 dBA		100 dBA		100 dBA	
Frequency response	30 ÷ 18.000 Hz					
LINE OUT output						
Output level/impedance	1 V / 200Ω					
PRE OUT output						
Output level	1 V					
Consu ption						
230/120V±10% 50/60 Hz Mains power supply	P= 150 W		P= 300 W		P= 600 W	
External 24Vdc power supply	4 A		10 A		20 A	
Dimensions (W x H x D)	430 x 88 x 270 mm					
Weight	6,3 kg		8,3 kg		10,5 kg	