

Integrated Amplifiers

DESCRIPTION

The AM 5040 amplifier has two balanced microphone inputs, one of them with an automatic precedence function (VOX). Two auxiliary inputs on RCA sockets enable connection to sources of music; there is a selector switch on the front panel for selecting the desired source. A line output is available for connection in cascade fashion of a second amplifier or of a recorder, if required. The equipment has provisions for connecting it to a telephone system by means of a terminal strip. This input, of the balanced type, has its own level control and has a VOX circuit for broadcasting messages with a higher priority than any other input (except for the microphone connected via the front panel). A precedence contact, available on the terminal strip, activates the priority of the microphones over the sources of music and at the same time sends out a warning signal (CHIME). To exploit the precedence function effectively, it is possible to use the MBT 1100 series microphone stations. Rack-mounting is possible using a specific accessory. The output terminal strip enables low-impedance loads (8 Ohm) or constant-voltage loads (50, 70, 100V) to be connected. Selectable mains power supply (115/230V).



TECHNICAL SPECIFICATIONS

GENERAL

Code		43767
Rated output power	W	40
Constant voltage outputs	V	100 / 70 / 50
Low impedance outputs	W	8
Distortion at rated power	%	<0.5

TONE CONTROLS

Bass tones (@100Hz)	dB	± 10
Treble tones (@10Hz)	dB	± 10

MIC 1 INPUT (FRONT PANEL)

• Sensitivity	V	1m
• Impedance	W	1300
• Frequency response	Hz	35 ÷ 20k
• S/N ratio	dB	64

MIC 2 INPUT

• Sensitivity	V	1m
• Impedance	W	1300
• Frequency response	Hz	35 ÷ 20k
• S/N ratio	dB	61
• Phantom supply	V	16.5

AUXILIARY INPUTS

• CD sensitivity	V	520m
• TAPE sensitivity	V	250m
• Frequency response	Hz	30 ÷ 20k
• S/N ratio	dB	75

TELEPHONE INPUT

• Sensitivity	V	150m
• Impedance	W	6k
• Frequency response	Hz	170 ÷ 12k
• S/N ratio	dB	73

SIGNAL OUTPUTS

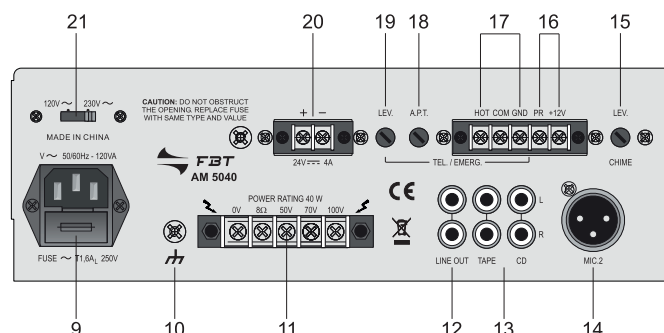
Line OUT	V / W	880m / 100
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POWER SUPPLY

230V ±10% 50/60Hz mains power supply	W / VA	P = 100 / A = 117
115V ±10% 50/60Hz mains power supply	W / VA	P = 96 / A = 110
External DC power supply	V / A	24 / 2.8 (0.1 A @ Pout = 0W)

MECHANICAL SPECIFICATIONS

Net dimension (WxHxD)	mm	275 x 88 x 230
	inch	10.83 x 3.46 x 9.06
Net weight	kg	4.20
	lb	9.26



1. VOX MIC 1 activation threshold control
2. MIC 1 balanced microphone input (with VOX)
3. Microphone input level controls
4. Auxiliary input level control
5. Auxiliary input selector
6. Tone controls
7. Mains switch
8. Overload signaling LED
9. Mains plug with built-in fuse
10. Frame connection
11. Loudspeaker output terminal strip
12. Line output
13. Auxiliary inputs
14. MIC 2 balanced microphone input
15. Adjustment of the level of the warning signal (Chime)
16. Terminal strip for precedence contact
17. Balanced telephone input
18. Telephone input activation threshold adjustment
19. Telephone input level adjustment
20. Terminal strip for external DC power supply
21. Mains voltage selector switch