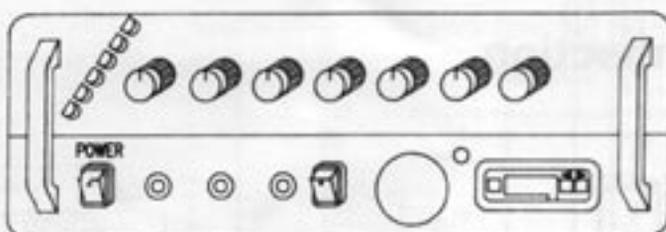


PROFESSIONAL POWER AMPLIFIER



BUILT-IN AMPLIFIER RADIO TUNER AND CASSETTE TAPE PLAYER

SPECIFICATIONS

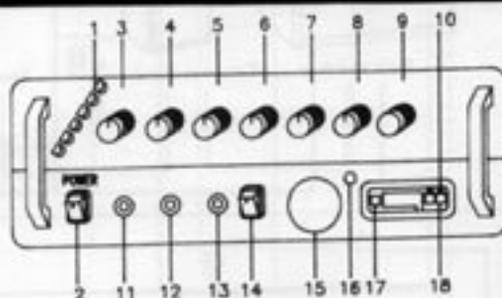
TYPE: POWER AMPLIFIER (AM/FM-CASSETTE TAPE PLAYER)

POWER OUTPUT: 25 WATTS (RMS) 80 WATTS (PPW)

INPUTS: MIC-1,2 (-55dB±2) 10K/50K ohms

TUNER FREQUENCY: AM 510KHZ-1650KHZ

FM 88MHZ-108MHZ



- | | |
|-------------------------|---------------------------------|
| 1. VU meter | 10. FWD/REW lamp |
| 2. Power switch | 11. AUX Phone jack |
| 3. AUX volume control | 12. MIC-1 input Phone jack |
| 4. MIC-1 volume control | 13. MIC-2 input Phone jack |
| 5. MIC-2 volume control | 14. AM/FM Selector switch |
| 6. Tuner volume control | 15. Tuning frequency adjustable |
| 7. Bass tone control | 16. Tuner Pilot lamp |
| 8. Treble Tone control | 17. STOP/eject button |
| 9. Taps volume control | 18. FWD/REW button |

Microphone Inputs

For greater operational flexibility, two microphones can be attached at the same time. All inputs are phone jacks.

Radio Tuner, Cassette Tape Player and other BGM Sources

A radio tuner, tape player, chime, mixer preamplifier, compact disk player or other high level input sources may be connected to the AUX

Output Connection:

Low impedance speaker output: 4Ω

The low impedance 4 ohm terminal is provided for connection of a few large-output speakers when constant-voltage speaker system is unnecessary or in case the distance between the amplifier and the speakers is short enough (less than 50m). It is requested that the total speaker load impedance be correctly matched to the output impedance (4 ohm) of the amplifier for most efficient transfer of power.

Be sure that total impedance of speakers is above 4 ohms however, do not raise amplifier output power to above the permissible input power of speaker if the latter is smaller than the former. If the amplifier output power should be raised above it, by mistake, the speakers would be damaged.

When it is desired to operate the speakers from the distance, over 50 meters of the amplifier, it is recommended that line matching transformers be installed on the speaker units to prevent excessive line losses. This method of load matching known as the constant voltage distribution system eliminates the calculation of load impedance and series-parallel speaker arrangements. In this method, all speakers are connected in parallel.

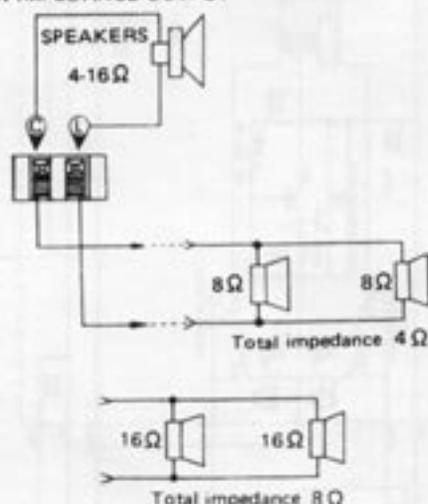
100 Volts speaker output (balanced)

These constant voltage outputs are most convenient for distribution of power when a number of speakers are installed. Each speaker must have 100-volt line transformer with a tap that gives the power desired for that speaker. The total number of power settings for all speakers should be equal to the amplifier power rating or less.

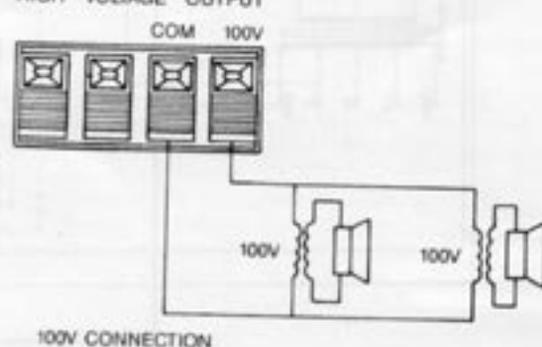
A speaker plug is supplied with this unit for a quick connection/disconnection to/from speaker screw terminal strip 100 volts.

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LOW IMPEDANCE OUTPUT



HIGH VOLTAGE OUTPUT



Typical Connection

