

# E-03R EQUALIZER MODULE

**Attention:** This module has been designed for use with TOA 900 series Mixer/Amplifiers and Power Amplifiers. Use with any other equipment may result in damage to the module.

## E-03R Equalizer Module General Information

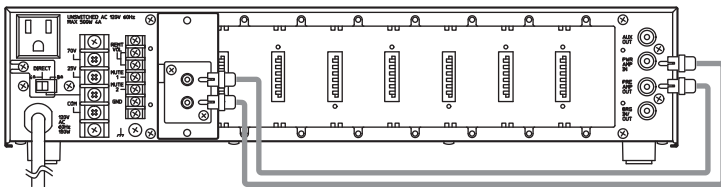
The E-03R module provides the proper equalization for TOA model F-121C/F-121CM wide dispersion loudspeakers. It is designed to be installed in TOA 900 series modular mixers and amplifiers (MK2 or A series) and derives its power from that unit. Through the use of the dual RCA cable provided, signals are routed from the preamplifier output to the module input, and from the module output to the power amplifier input. In this way, the proper equalization is introduced into the signal flow just before it reaches the power amplifier stage.

## Materials Provided

The E-03R is supplied with this instruction sheet, a dual RCA to RCA cable and two black securing screws.

## E-03R Installation

1. Make sure that the power switch on the mixer or amplifier is off.
2. Select a port on the amplifier for the module. In the case of 8-input mixers and mixer/amplifiers, it is suggested that the eighth port be used. If there is a blank cover over the port, remove it.
3. Taking care in handling to avoid static damage to the E-03R, insert the module fully into the selected port and secure with the screws provided.
4. Connect the PRE AMP OUT of the mixer or mixer/amplifier to the module INPUT. Connect the module OUTPUT to PWR AMP IN (power amplifier input).
5. Switch on the mixer or mixer/amplifier and check for proper signal flow through the module.



Note that the volume control for the input port in which the E-03R module is installed has no effect.

When using this module with a 900 Series Power Amplifier or with an A-901A 10 watt amplifier, the unbalanced audio signal from the mixer or other source, is fed to the INPUT jack of the module. Through the use of a suitable short cable, connect the module OUTPUT to the input terminal block of the power amplifier or the program input of an A-901A.

## Jumper Wire Setting

Cut J1 on the board to suppress the boost on low frequencies.

## Specifications

Power Requirement : 24 VDC, 25 mA  
Distortion : 0.05%  
S/N : 86 dB  
Weight : 55 g

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