





## OPERATING INSTRUCTIONS

# MULTI CHANNEL MONITOR

## MP-1216

TOA 1000 series

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>CAUTION</b> TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



THE LIGHTNING FLASH WITH ARROWHEAD WITHIN A TRIANGLE IS INTENDED TO TELL THE USER THAT PARTS INSIDE THE PRODUCT ARE A RISK OF ELECTRIC SHOCK TO PERSONS.



THE EXCLAMATION POINT WITHIN A TRIANGLE IS INTENDED TO TELL THE USER THAT IMPORTANT OPERATING AND SERVICING INSTRUCTIONS ARE IN THE PAPERS WITH THE APPLIANCE.

Please follow the instructions in this manual to obtain the optimum results from this unit.  
We also recommend you to keep this manual handy for future reference.

TOA Corporation

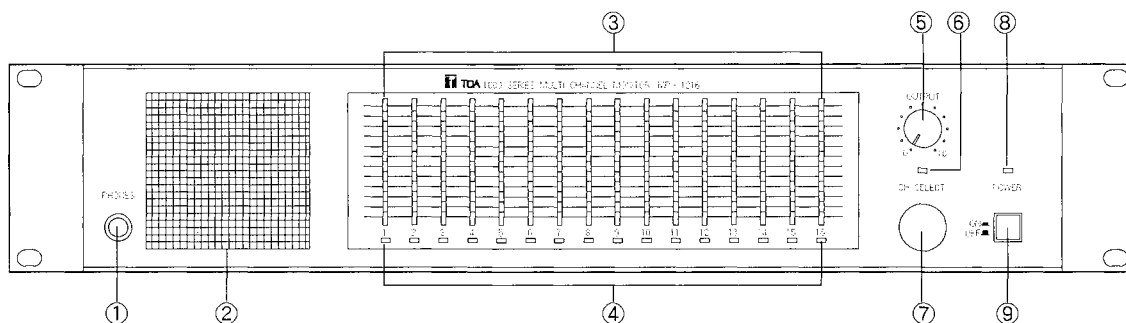
## HANDLING PRECAUTIONS

- The MP-1216's operating voltage is within 10% of your local power voltage (50/60 Hz).
- Do not install the MP-1216 in locations which are subject to corrosive chemicals or salt water. Also, keep your beverages away from the unit.
- To avoid electric shocks, do not touch the unit's internal components. Always refer the servicing to your TOA dealer.

## FEATURES

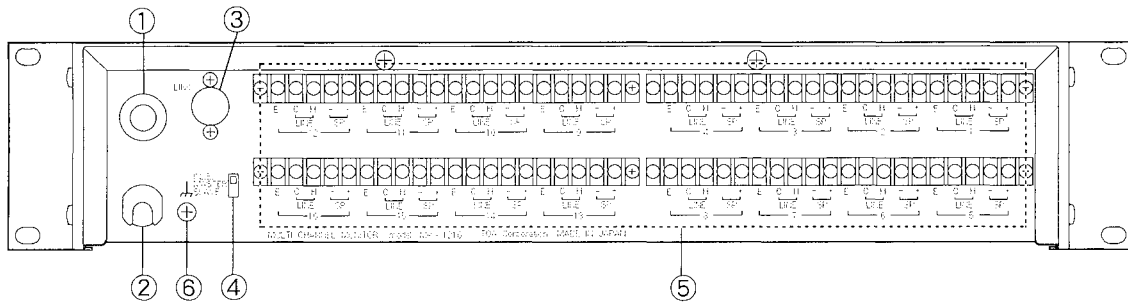
- The signal level meter allows simultaneous monitor of a maximum of 16 channels per unit.
- Any of the high-impedance speaker line output, low-impedance speaker line output, and line level output can be monitored by connecting it to the corresponding input.
- One of the 16 channels can be monitored with an internal speaker or headphone.
- By connecting two MP-1216 units, a maximum of 32 channels can be monitored.

## NOMENCLATURE [Front Panel]



- ① **Headphone Jack (PHONES)**  
Use this jack for headphone-monitoring of the channel selected with the channel selection switch. No sound is output from the speaker while this jack is used.
- ② **Speaker**  
Outputs the sound of the selected channel.
- ③ **Level Meter (1~16)**  
Indicates the signal level of each channel.
- ④ **Channel Indicator (1~16)**  
Indicates the current channel being monitored. The 16th channel's indicator lights whenever the power is switched ON.
- ⑤ **Volume Control (OUTPUT)**  
Adjusts the sound volume of the speaker or headphone.
- ⑥ **Channel Selection Switch Indicator**  
Lights when the channel selection switch is enabled, and is extinguished when the linkage setting switch is set to SLAVE position.
- ⑦ **Channel Selection Switch (CH SELECT)**  
Selects the channel to monitor.
- ⑧ **Power Indicator**  
Lights when the power switch is set to ON, and is extinguished when the switch is set to OFF.
- ⑨ **Power Switch (POWER)**  
Press this switch to turn power ON. To turn power OFF, press the switch again.

## NOMENCLATURE [Rear Panel]



### ① AC Fuse Holder

When replacing the fuse, be sure to use the same type as that supplied with the MP-1216, and having the following rating:

Fuse Rating :

220-240 V version : 250 V T250 mA

120V version : 250 V 1 A

### ② AC Power Cord

### ③ Linkage Socket (LINK)

Insert an optional linkage cable (YA-8) into this socket when connecting two MP-1216 units.

### ④ Linkage Setting Switch (INDE./MASTER/SLAVE)

Set this switch to INDE. position when no other MP-1216 unit is connected.

When connecting two units, set the switch of a master unit to MASTER position, and the switch of a slave unit to SLAVE position.

### ⑤ Input Terminals (1 ~ 16)

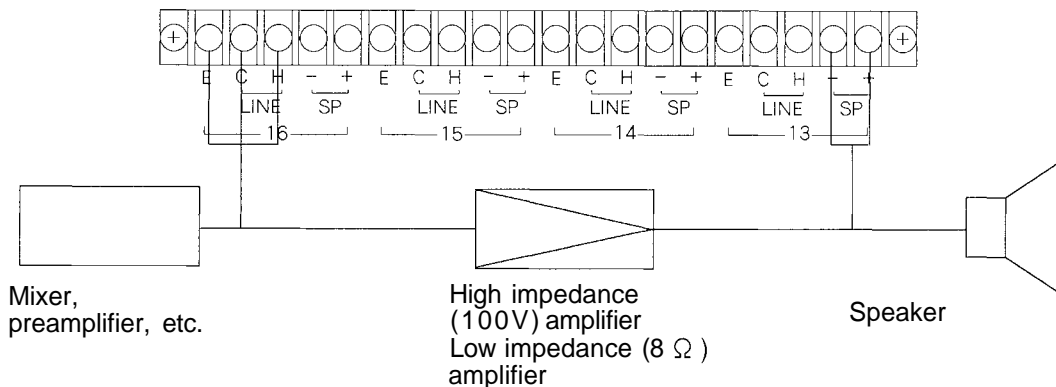
Connect a line signal to the LINE (H:Hot, C:Cold, E:Earth) terminals, and a speaker signal to the SP (+, -) terminals.

When the line signal is of unbalanced type, short between the "C" and "E" terminals with the supplied jumper strip. In this case, if hum noise or oscillation occurs through the created earth loop, remove the jumper strip. Then, connect the line signal to the "H" and "C" terminals. Mount the terminal cover after completing all cable connections.

### ⑥ Ground Terminal

Connects to the ground.

## CONNECTION EXAMPLE

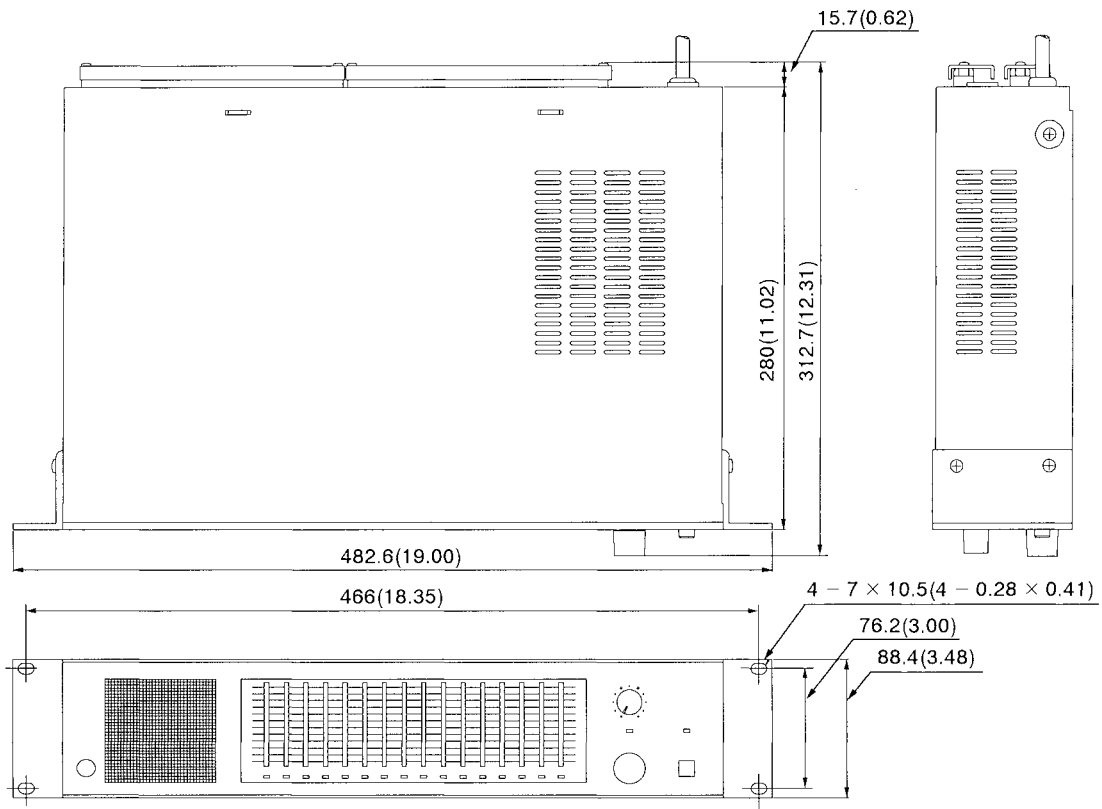


## INSTALLATION PRECAUTIONS

- To avoid the possibility of oscillation or crosstalk, make the distance between the power amplifier input and output lines as long as possible. High-impedance output lines, in particular, must also be kept as far away as possible from the input terminals of other channels.
- When rack-mounting the MP-1216 next above a power amplifier, place a blank panel of one-unit height between the two.

## APPEARANCE

Unit: mm (in.)



## SPECIFICATIONS

<b>Max. Display Level</b>	Speaker High impedance : 100 V (speaker line) Low impedance : 1200 W / 8 ohms (speaker line) Line level : + 10dB (2.45V)
<b>Speaker Output</b>	Max. 3 W
<b>Headphone Output</b>	8 ohms
<b>Power Source</b>	AC mains, 50/60 Hz
<b>Power Consumption</b>	21 W (120 V version), 25 W (220-240 V version)
<b>Finish</b>	Front panel : Alumilite, black
<b>Dimensions</b>	482.6(W) × 88.4(H) × 312.7(D) mm (19.00 × 3.48 × 12.31 in.)
<b>Weight</b>	5.3kg (11.68lb.)
<b>Accessories</b>	AC fuse, 250 V 1 A (120 V version) × 1 AC fuse, 250 V T250 mA (220-240 V version) × 1 Rack mounting screw × 4 Warranty card (for USA and Canada) × 1 Instruction manual × 1 Jumper strip × 16

\* 0 dB = 0.775 Vrms

\* Specifications are subject to change without notice.



TOA Corporation

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