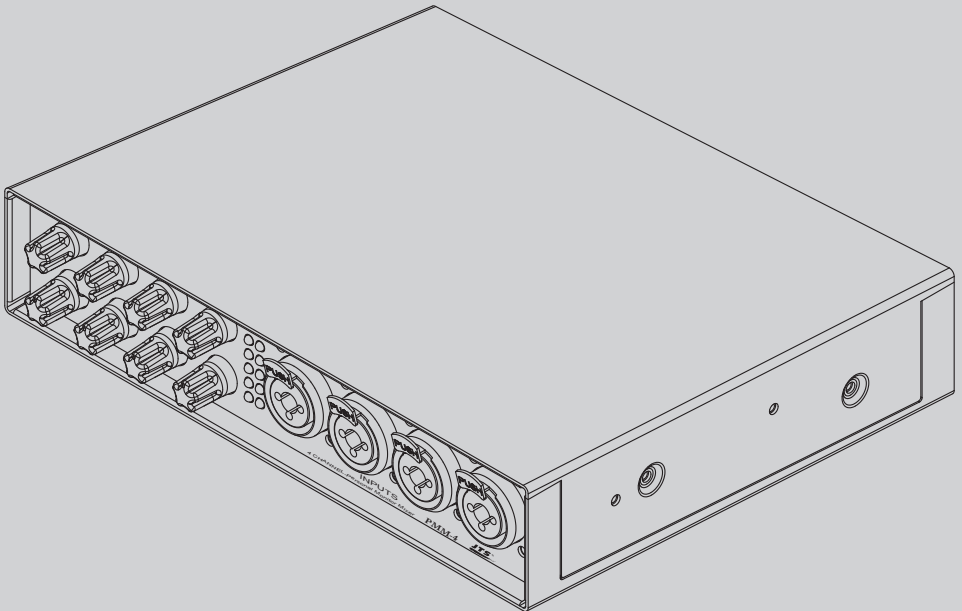


PMM-4

Personal Monitoring Mixer





ATTENTION

Please pay high attention to the following information.

The guideline published by Occupational Safety Health Administration (OSHA) in United States indicates overload volume level for prolonged listening may harm your hearing. Here below are referenced data on maximum time exposure to sound level before hearing injury occurs.

<u>Sound Level(dB)</u>	<u>Duration per day(hrs)</u>
90.....	8
92.....	6
95.....	4
97.....	3
100.....	2
102.....	1.5
105.....	1
110.....	0.5
115.....	0.25
140.....	Avoid or injury may occur

T ABLE OF CONTENTS

1. Important Cautions	1
2. Features	1
3. Specification	2
4. Parts Identification	3
5. Preparing Procedures	3
6. Basic Operation	4

Thanks for choosing JTS PMM-4 Personal Monitoring Mixer. In order to obtain the best efficiency, you are recommended to read this manual before applying.

1 IMPORTANT CAUTIONS

- ▲ Make all connections before power on the device.
- ▲ Do not leave the device in a place neither with high temperature nor high humidity.
- ▲ Do not handle the power cord with wet hands.
- ▲ Keep the device away from fire and heat sources.

2 FEATURES

This multi purpose stereo mic/line mixer is designed for installed sound system application and personal monitoring. Four input signals can be easily controlled. Two additional auxiliary inputs and four outputs are provided for expanding capabilities.

Applications

- ▲ Personal Monitor Mixing
- ▲ Courtrooms
- ▲ Restaurants
- ▲ House of Worship
- ▲ Aerobics/Health Club

3 SPECIFICATION

Electronic Specification-Input	Inputs(CH.1~CH.4)	Aux Inputs
Connector	XLR and 1/4" Jack	1/4" Jack
Impedance	5.9K Ω	18.2 K Ω (MONO:9.1 K Ω)
Input level(Max)	+7.5dB	+7.9dB (Main Mix Output:+13.5dB)
CMRR	>70dB	>70dB

Electronic Specification-Output	Main Mix Output	Split Outputs(CH.1~CH.4)
Connector	1/4" Jack	XLR
Impedance	1K Ω (Balanced); 500 Ω (Unbalanced)	N/A
Output level(Max)	6.5dB \pm 0.3dB (INPUT CH1~4)	N/A
Noise	N/A	<-110dB
Distortion	N/A	<0.005%
Crosstalk	N/A	<-105dB

System Specifications	Main Mix Output (Input Ch1~4)	Main Mix Output (Aux Input)
Frequency response	22Hz to 22 KHz \pm 3dB	22Hz to 22 KHz \pm 3dB
Distortion	<0.025%	<0.006%
Noise	<-61dB (Four input levels all turn to Max.)	N/A

Output Level (L/R): LED:-20 / -5 / 0 / CLIP (+6) / CLIP-PAN

Power Requirement: Adaptor: +12VDC/600mA(No Load; +17~+20V)

Power Consumption: 12 Watts

Fuse: 250 mA

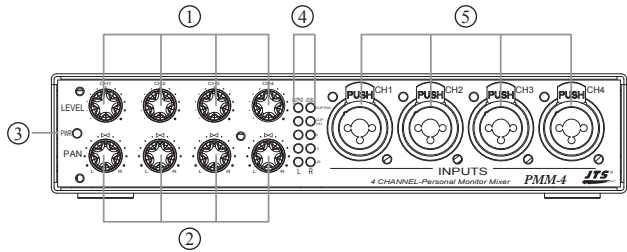
Dimension (m/m): 205(D)*212(W)*43.5(H)

Net Weight: 1.41kg

4 PARTS IDENTIFICATION

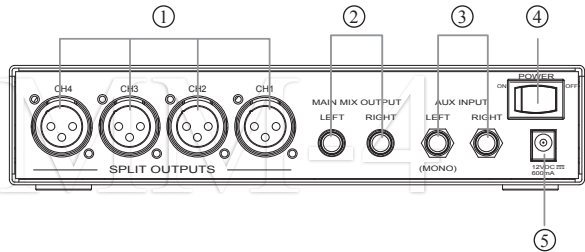
Front Panel

- ① Level Knob
- ② Pan Knob
- ③ Power On LED Indicator
- ④ Output Level Indicator
- ⑤ Inputs (CH.1~CH.4)



Rear Panel

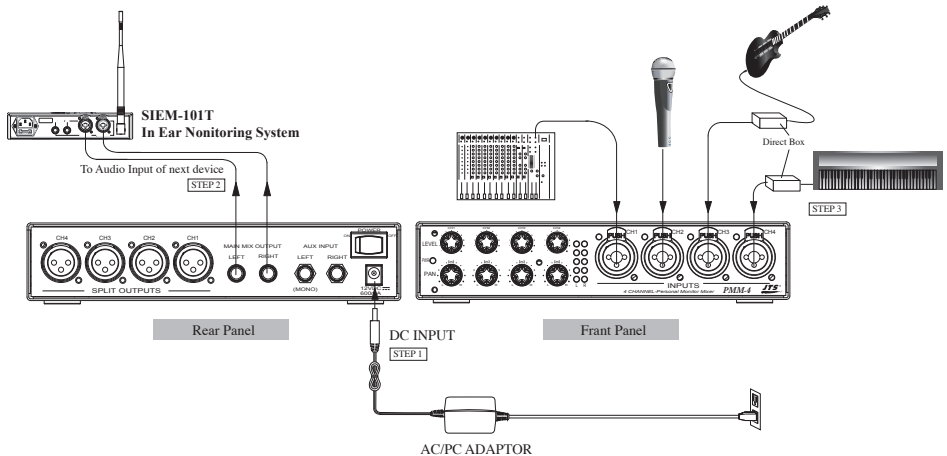
- ① Split Outputs (CH.1~CH.4)
- ② Main Mix Outputs (Left/Right)
- ③ AUX Inputs (Left/Right)
- ④ Power On/Off Switch
- ⑤ 12V/600mA DC Socket



5 PREPARING PROCEDURE

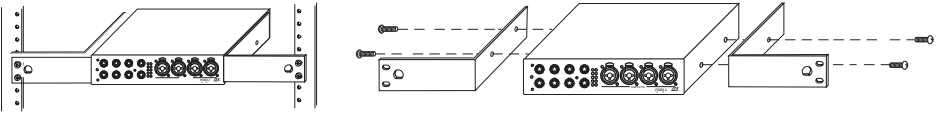
1. Plug in one end of AC/DC adaptor cable to DC socket on the rear panel of PMM-4. And plug the other end into an AC outlet.
2. Connect the main mix outputs to the audio input of the next device.
3. Connect up to four audio sources into the input sockets on the front panel.

***CAUTION:** When connecting instruments to a mixing console through the PMM-4, connect the instrument to the direct box then connect the direct box to the PMM-4 input connector.



Rack Mounting the PMM-4

RM-901 rack mount kit is available to install the half rack PMM-4 into a standard EIA rack.

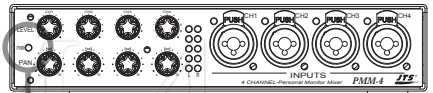


6 BASIC OPERATION

Power On/ Off

Turn on or turn off the unit by pressing the **POWER** switch on the rear panel.

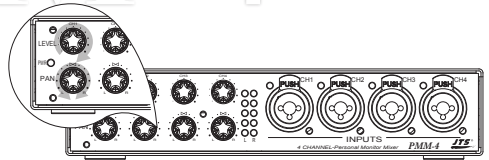
When powered on, LED indicator on the front panel (**PWR**) will ON in blue light.



PWR

Volume Control

Input Level: Adjust the input level by rotating the level knob clockwise and reversely.

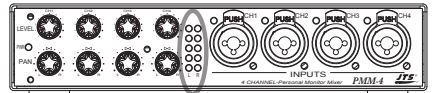


LEVEL & PAN

Pan: Adjust the relative volume of left and right channels.

Output Level

Observe the LED indicator of output level. Decrease the input level if the LED indicator is RED.



OUTPUT LEVEL

AUX Input

Two supplementary auxiliary inputs are offered for other audio sources. The signals are not affected by the Level/Pan knobs.



AUX INPUT

Split Output

Use the split outputs to shift the signal through PMM-4. The signals are not affected by the Level/Pan knobs.



SPLIT OUTPUT

www.jts.com.tw



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