



30W/60W/120W USB Mixing Amplifier

PU-103/106/112



interM

Mixing Amplifier

PU-103/106/112



OVERVIEW

The PU series is 1/2U (Half) compact mixing amplifier with USB input.

You can easily input the sound source through the USB input terminal on the front, and play the BGM easily through the USB MP3 control button.

You can use the product conveniently in small spaces requiring BGM and voice amplification such as small & medium-sized shops, lecture rooms, training centers, cafes, religious facilities, etc.

FEATURE

Compact design

Easy to install and operate with compact design of 1/2U(Half) size and functions.

Digital amplifier circuit

Take up the Digital Amplifier Circuit with High efficiency of the rated power 30W/60W/120W, High reliability, low weight and low temperature.

Adopt SMPS power supply circuit

Offer reduced power consumption and low weight with Stable SMPS (Switch mode Power Supply) circuit

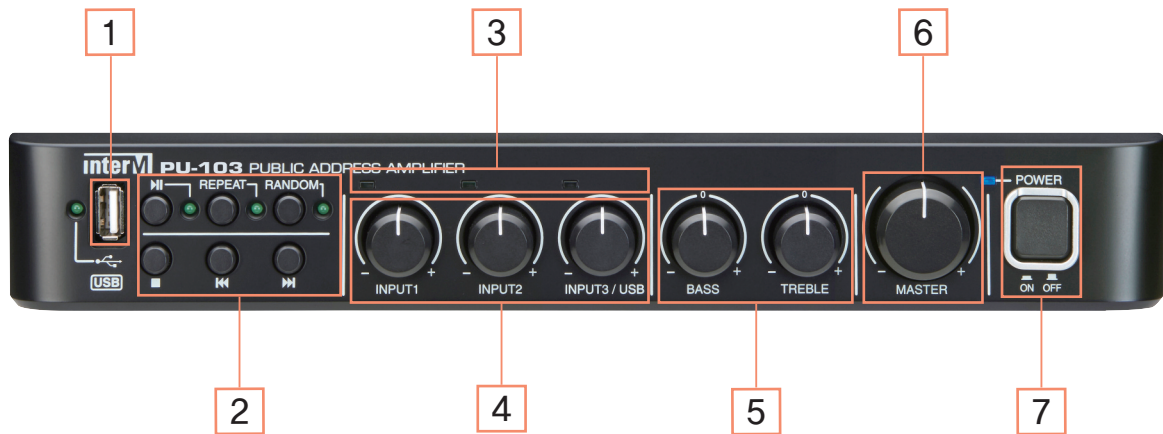
Various input with 3 channels and TEL IN (cable telephone broadcasting)

MIC, Line, RCA, 3.5Φ PHONE JACK

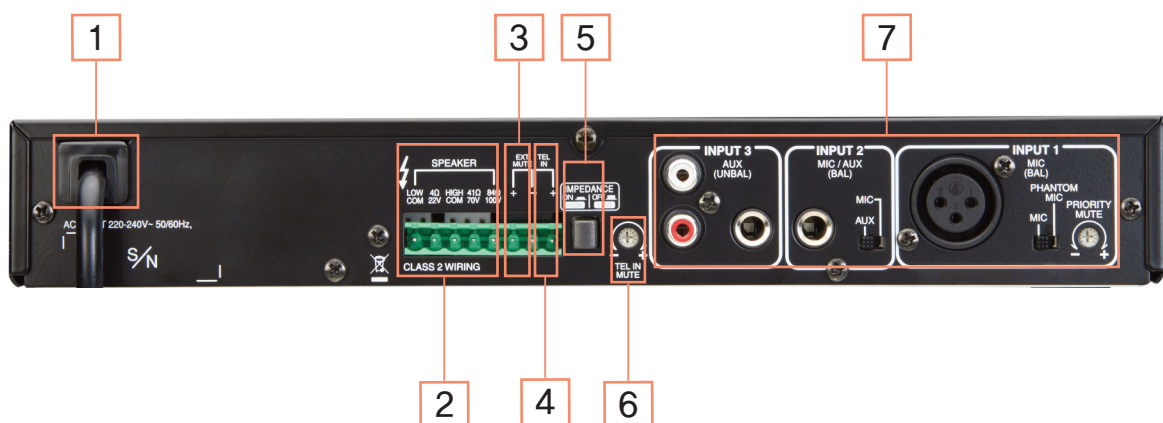
Tone control function

You can adjust the tone to suit your surroundings and mood by using the Tone Controls of BASS and TREBLE depending on the frequency used.

PU-103/106/112 FRONT/REAR PANEL



- | | |
|-----------------------------------|------------------|
| 1. USB-A (MEMORY) SLOT | 5. TONE CONTROL |
| 2. USB PLAY MODE SELECTION BUTTON | 6. MASTER VOLUME |
| 3. INPUT SIGNAL LED | 7. POWER SWITCH |
| 4. INPUT VOLUME | |



- | | |
|-----------------------------------|-------------------------------|
| 1. AC POWER CORD | 5. IMPEDANCE SELECTION SWITCH |
| 2. SPEAKER OUTPUT TERMINAL | 6. TEL IN MUTE CONTROL VOLUME |
| 3. EXTERNAL MUTE CONTROL TERMINAL | 7. INPUT TERMINAL(INPUT 1~3) |
| 4. TEL IN TERMINAL | |

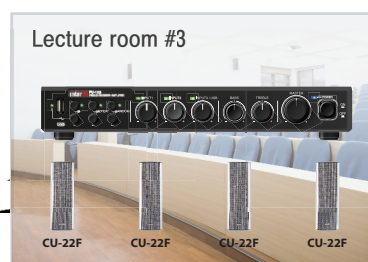
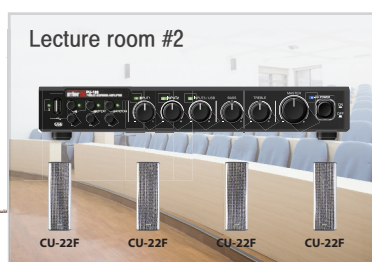
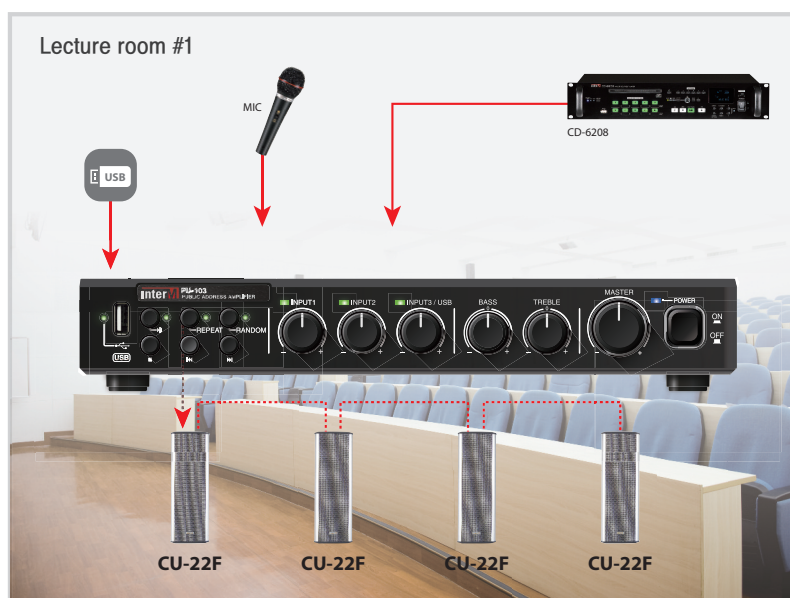
PU-103/106/112 APPLICATION

When using in a small space like lecture room

Building an individual broadcasting system to an education facility with multiple lecture rooms has never been easier with PU Series.

Convenient audio source playback is achieved using either front panel USB or rear panel inputs.

Connecting a microphone to PU Series can mix multiple sources making a handy lecture room broadcasting system possible.



Cafe



Food truck



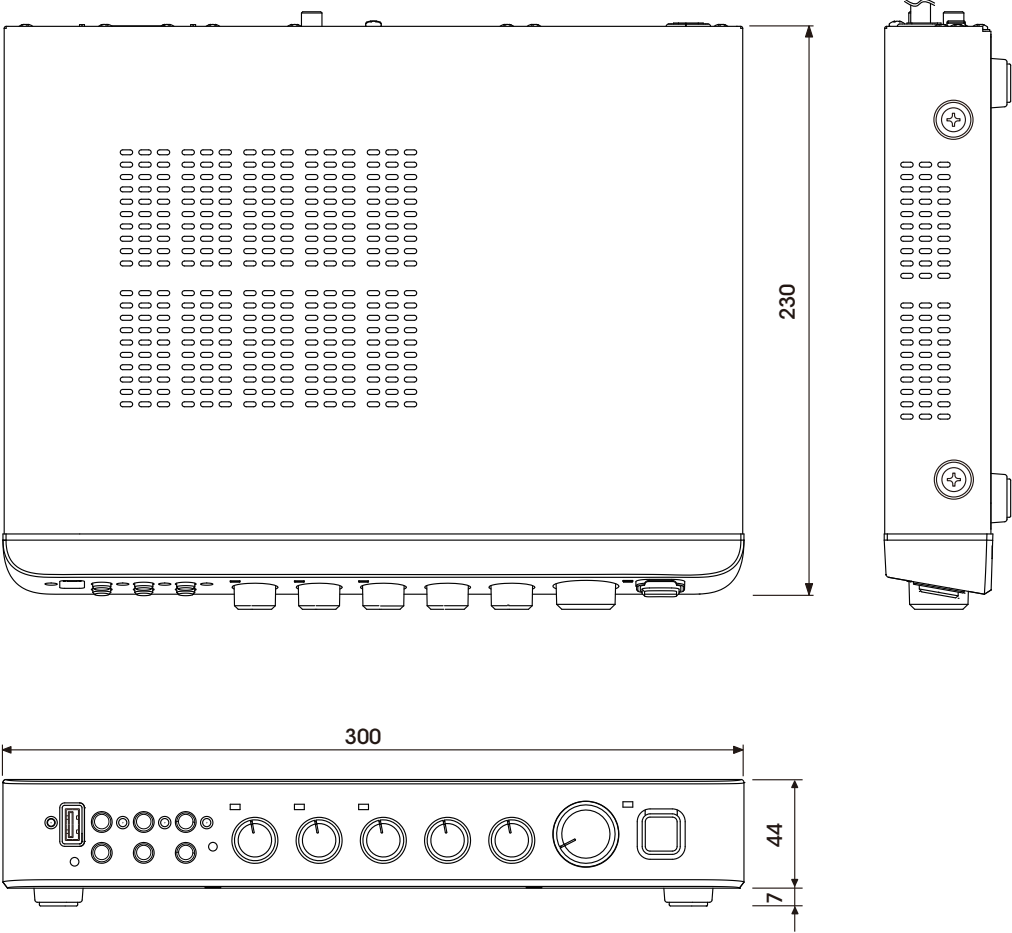
Small-sized store



PU-103/106/112 SPECIFICATION

| | | PU-103 | PU-106 | PU-112 |
|------------------------------------|------------------------------|-----------------------------------------------------|---------------|---------------|
| Rated Output Power (1kHz, THD 1%) | | 15.5V(8Ω) | 21.9V(8Ω) | 21.9V(4Ω) |
| | | 70V(166Ω) | 70V(82Ω) | 70V(40.83Ω) |
| | | 100V(333Ω) | 100V(167Ω) | 100V(83.33Ω) |
| S/N | MIC | 55dB | | |
| | RCA, 6.35Φ PHONE JACK | 55dB | | |
| | LINE, TEL IN | 55dB | | |
| Input Sensitivity /Impedance | MIC (BALANCE) | -60dBV /2kΩ | | |
| | LINE (BALANCE) | -20dBV /2kΩ | | |
| | RCA (UNBALANCE) | -20dBV /20kΩ | | |
| | 6.35Φ PHONE JACK (UNBALANCE) | -20dBV /2kΩ | | |
| | TEL IN (UNBALANCE) | 0dBV/5kΩ | | |
| THD+N | 1kHz (1/3Pwr @8Ω) | Less than 1% | | |
| TONE CONTROL | BASS(200Hz) | ±10dB | | |
| | TREMBLE(15KHz) | ±10dB | | |
| Frequency Response (1W,±3dB,Low-Z) | INPUT 1~2 (MIC) | 300Hz~12kHz | | |
| | INPUT 2~3 (LINE), TEL IN | 300Hz~15kHz | | |
| Operating Temperature | | -10°C~+40°C | | |
| Power Source | | AC 120-240V, 50/60Hz | | |
| Power Consumption (1/8W) | | 20W | 35W | |
| Weight (Set) | | 2.82kg/6.2lb | 3.18kg/7.01lb | 3.18kg/7.01lb |
| Dimensions (Set) | | 300(W) x 44(H) x 230(D)mm/11.8(W) x 1.7(H) x 9(D)in | | |

PU-103/106/112
DRAWING





NOTE



Inter-M Corp. (IMK)

719, Dobong-ro, Dobong-gu, Seoul, Korea
Overseas Sales Team

Tel_ +82-2-2289-8141~7 Fax_ +82-2-2289-8149 E-mail_ overseas@inter-m.com

www.inter-m.net

※ Design and specification are subject to be changed for the improvement of product quality without pre notice.

2019. 7. V1