



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

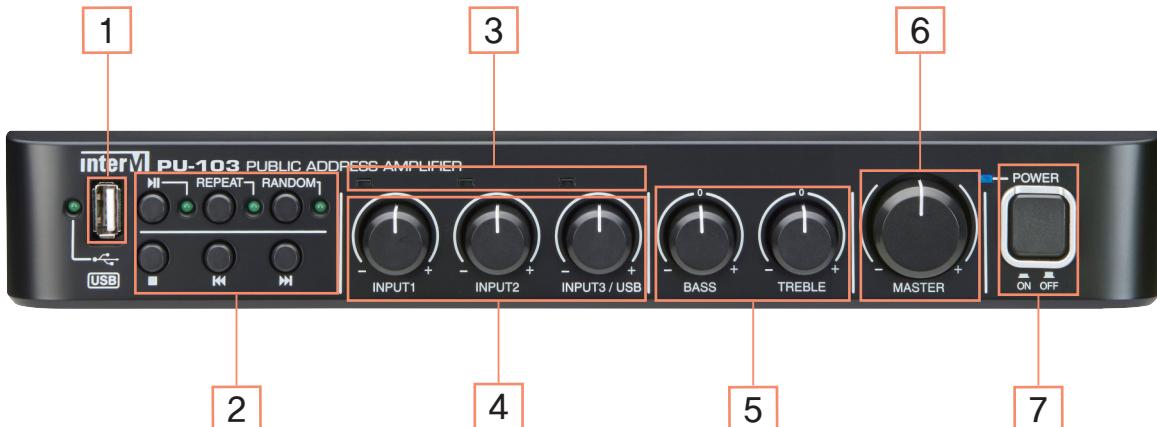
Various input with 3 channels and TEL IN (cable telephone broadcasting)

MIC, Line, RCA, 3.5Φ PHONE JACK

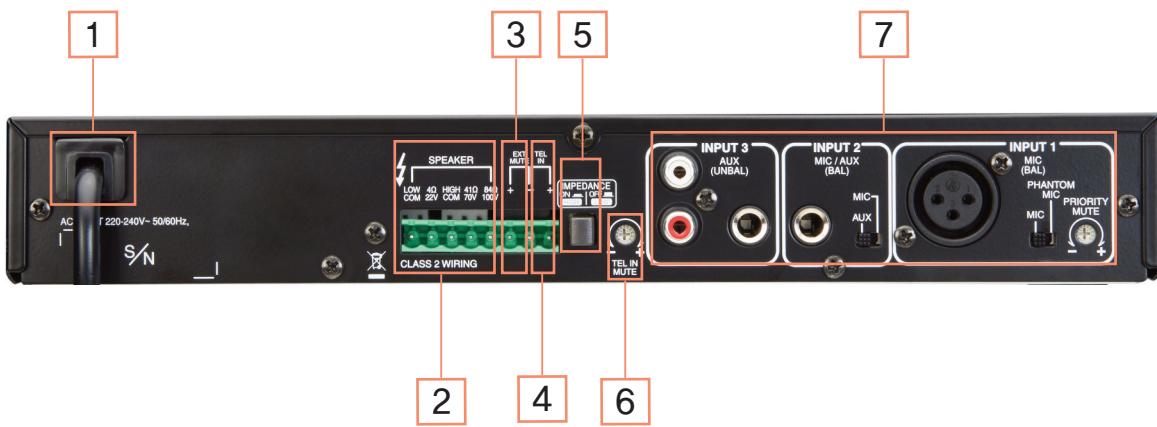
Tone control function

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
- 2. USB PLAY MODE SELECTION BUTTON
- 3. INPUT SIGNAL LED
- 4. INPUT VOLUME
- 5. TONE CONTROL
- 6. MASTER VOLUME
- 7. POWER SWITCH



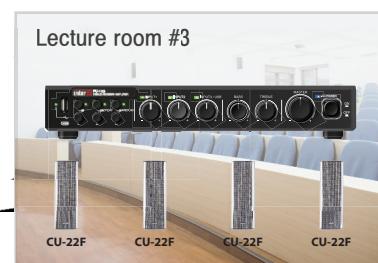
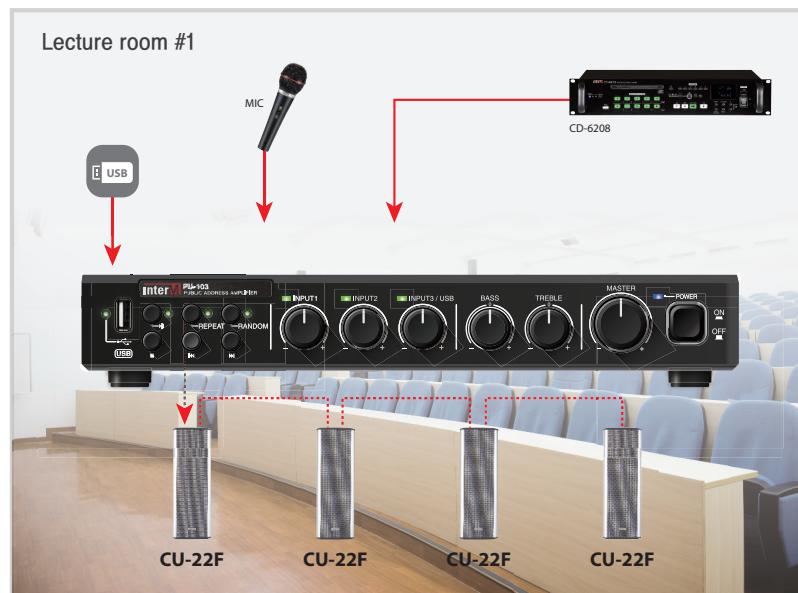
- 1. AC POWER CORD
- 2. SPEAKER OUTPUT TERMINAL
- 3. EXTERNAL MUTE CONTROL TERMINAL
- 4. TEL IN TERMINAL
- 5. IMPEDANCE SELECTION SWITCH
- 6. TEL IN MUTE CONTROL VOLUME
- 7. INPUT TERMINAL(INPUT 1~3)

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



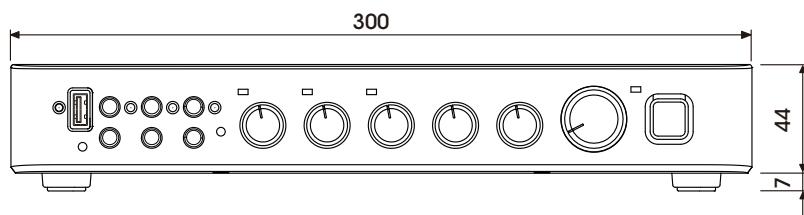
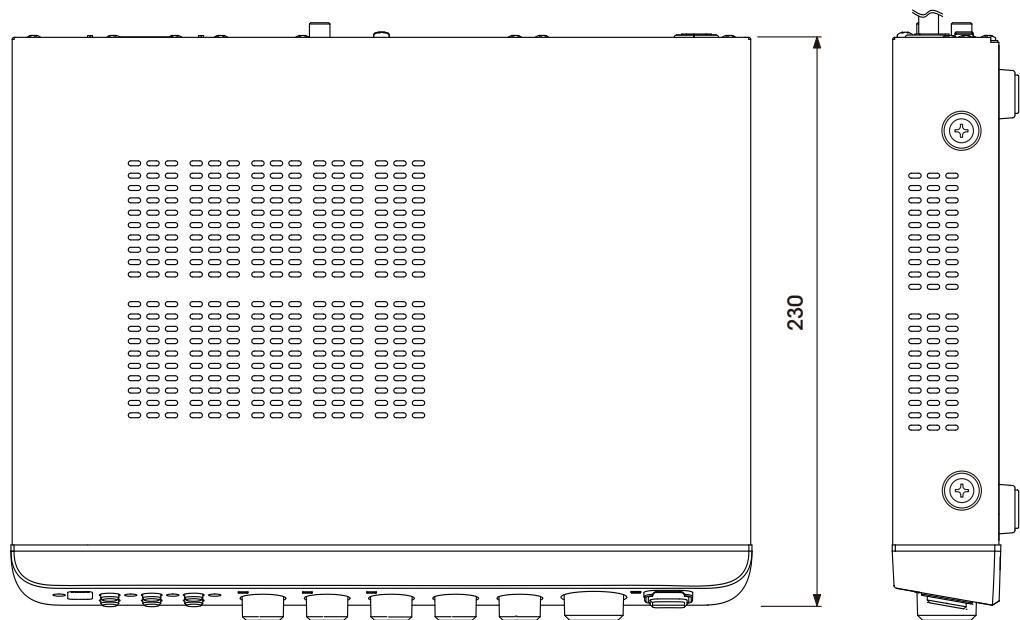
PU-103/106/112

SPECIFICATION

		PU-103	PU-106	PU-112
Rated Output Power (1kHz, THD 1%)	MIC	15.5V(8Ω)	21.9V(8Ω)	21.9V(4Ω)
	RCA, 6.35Φ PHONE JACK	70V(166Ω)	70V(82Ω)	70V(40.83Ω)
	LINE, TEL IN	100V(333Ω)	100V(167Ω)	100V(83.33Ω)
S/N	MIC		55dB	
	RCA, 6.35Φ PHONE JACK		55dB	
	LINE, TEL IN		55dB	
	MIC (BALANCE)		-60dBV /2kΩ	
	LINE (BALANCE)		-20dBV /2kΩ	
Input Sensitivity /Impedance	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