



# PX-603

Audioaccess  
Multiroom Expander

Add Additional Rooms to the Audioaccess Multiroom Audio Zones  
The Audioaccess PX-603 Multiroom Expander adds areas of music to zones of the Audioaccess multiroom audio systems. The unit contains three stereo amplifiers in a single chassis. Each pair of channels has independent digitally controlled volume and selectable fixed equalization. Designed specifically for use with Audioaccess Multiroom Controllers, the PX-603 enables the system to add up to three areas of independent volume control to any existing zone, or zones, without the use of auto formers. The PX-603 is fed by fixed-level outputs and is controlled by the PX-700, or the PX-600 via the keypad bus. It is ideal for use in areas where background music is desired.

**Control via Keypads and Touchscreens**  
The KP-3 three-button keypad, with white bezel and buttons, can be used with the PX-603 as an alternative to the KPS101 Keypad in areas where keypad source control is not required. The KP-3 offers room On/Off, Volume and Mute control in combination with an infrared receiver.



Alternatively, the full-function KPS101 Keypad or ATC Touchscreen Controller is used with the PX-603 in areas where full-source function control is desired. The built-in IR receiver adds source control functions to the KP-3, KPS101 and ATC when used with the Audioaccess remote controls. Like the KPS101, the KP-3 fits into standard gang boxes and Decora®-style wall plates.

### Maximize Areas of Music – Minimize Cost

The highly configurable PX-603 multi-room Expander provides an easily installed, cost-effective means of expanding the scope and control of Audioaccess multi-room systems. The unit employs no fans, utilizing convection cooling exclusively. Additional highlights include surge and EMI protection to ensure no clicks or pops, preset turn-on volume for each room, overvoltage, undervoltage, thermal, short-circuit and DC protection.  
[www.audioaccess.com](http://www.audioaccess.com)



**KP-3 Keypad**  
Three-button keypad



**KPS101 Keypad**  
Full-function keypad

# Features

- ▲ Simple, intuitive operation
- ▲ Independent access to each of three audio inputs and three stereo amplifiers
- ▲ Six-channel amplifier: 22 watts per channel @ 8 ohms
- ▲ Selectable EQ (+3dB bass boost via Baxandall active filter)
- ▲ Quad input/output connectors per amplifier pair
- ▲ Independent System, Zone, Room and Fixed EQ dip switches for each room
- ▲ Programmable turn-on volume for each room via keypads and touchscreen controllers
- ▲ KPS101 keypads, ATCs and IR remotes control basic functions of the audio sources for the zone
- ▲ KP-3 keypads control room on/off, volume level and mute
- ▲ RF-filtered AC coupled audio inputs
- ▲ PX-603 rooms may be activated with zone ALL ON group
- ▲ Paging and doorbell features available with optional Page/Doorbell Module
- ▲ Two-way communication with PX-700 or PX-600 Controller via four-conductor bus
- ▲ PX-603 and KP-3 complement other Audioaccess multiroom components and keypads

## Connector Complement



### Inputs

- ▲ Three line-level audio inputs
- ▲ Three six-conductor modular KP-3 Keypad inputs
- ▲ AC power input
- ▲ DIP switch settable room addresses and Bass Boost

### Outputs

- ▲ Loophru audio output for each audio input
- ▲ Push-terminal speaker connectors for three stereo pairs
- ▲ 22 Watts per channel into 8-ohm speakers with all channels driven

### Dimensions

- ▲ 17-3/8" W x 4" H x 15" D (442mm x 102mm x 381mm) (includes connectors and feet)

### Weight

- ▲ 17.4 lb (7.9kg)

SPECIFICATIONS	ROOM OUTPUTS
Frequency Response:	20Hz – 20kHz, +0, -2.4dB
S/N (ref: 1kHz at rated output, filter at 30kHz):	> 100dB
THD + Noise @ 1kHz, Filter at 30Hz:	< 0.01% (@ rated power)
Maximum Output:	22W into 8Ω (6 channels driven)
	24W into 8Ω (4 channels driven)
	28W into 8Ω (2 channels driven)
Left/Right Crosstalk (@ 1kHz, each input):	< -81dB
Room to Room Crosstalk (@ 1kHz, any two rooms):	< -83dB
Volume Attenuation:	0–76dB, 2dB steps
Mute Attenuation:	> 110dB
Bass (Baxandall-type, 100Hz):	0dB, + 3dB (selectable)
Input Sensitivity:	1.5Vrms for rated output

Audioaccess  
 250 Crossways Park Drive  
 Woodbury, NY 11797  
 www.audioaccess.com  
 888.691.4171  
 Fax: 516.682.3510

©2003 Harman International Industries, Incorporated  
 Part No. AAPX-603PI

Harman International Company