ICP-PRE2

Pre-amplifier Panel



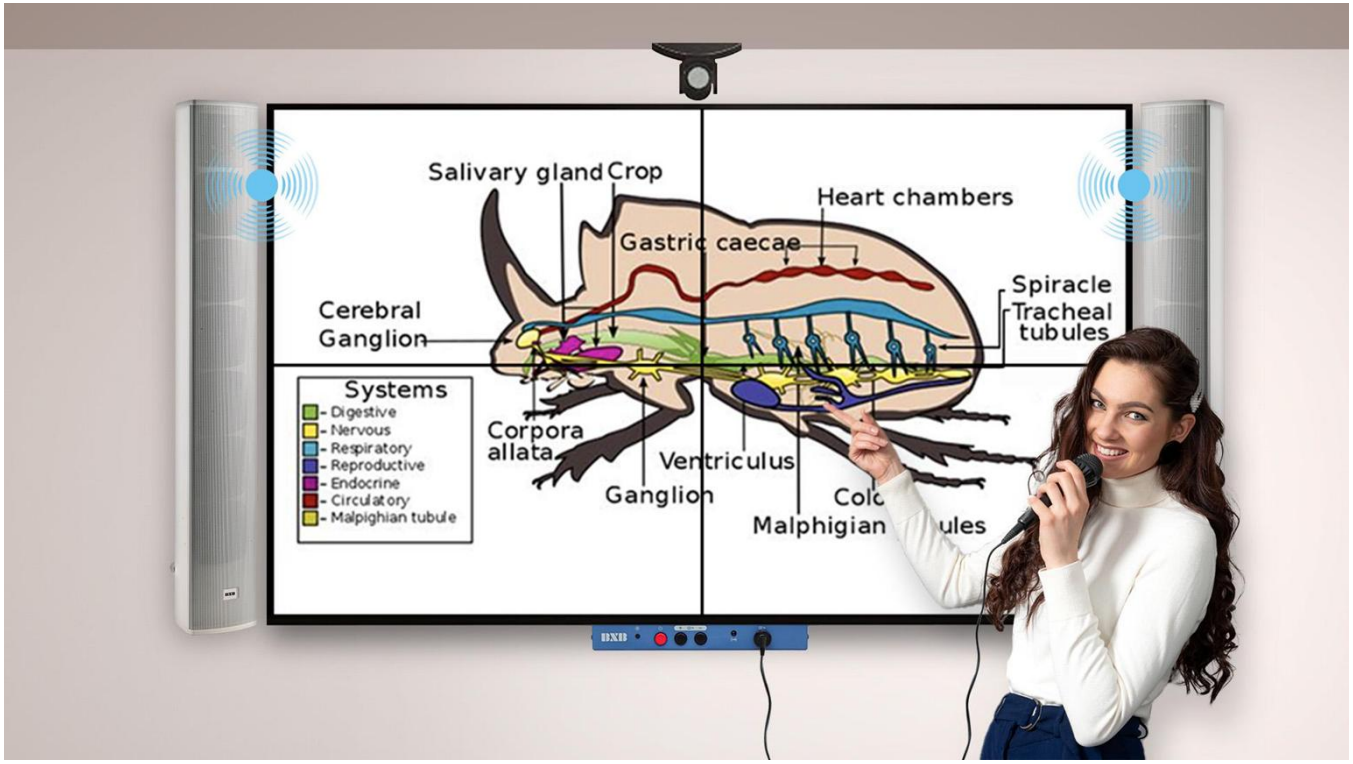
Product Features

- Compatible with the ICP-5211 decoder for standalone classroom instructional amplification.
- Facilitates the connection and amplification of classroom instructional microphones and general audio sources.
- Utilizes digital electronic buttons to adjust microphone volume, reducing noise issues associated with the aging of traditional analog variable resistors.
- The preamp mixing module and power amplifier feature a separated pre-stage and post-stage design; the pre-stage mixing module can be independently installed under the blackboard for ease of use and maintenance.
- Equipped with two RJ-45 ports using BXB CAT-5e cables, allowing for the parallel use of multiple panels.
- Features a connection detection mechanism, which automatically activates or deactivates the instructional amplification when the microphone jack is plugged in or removed.

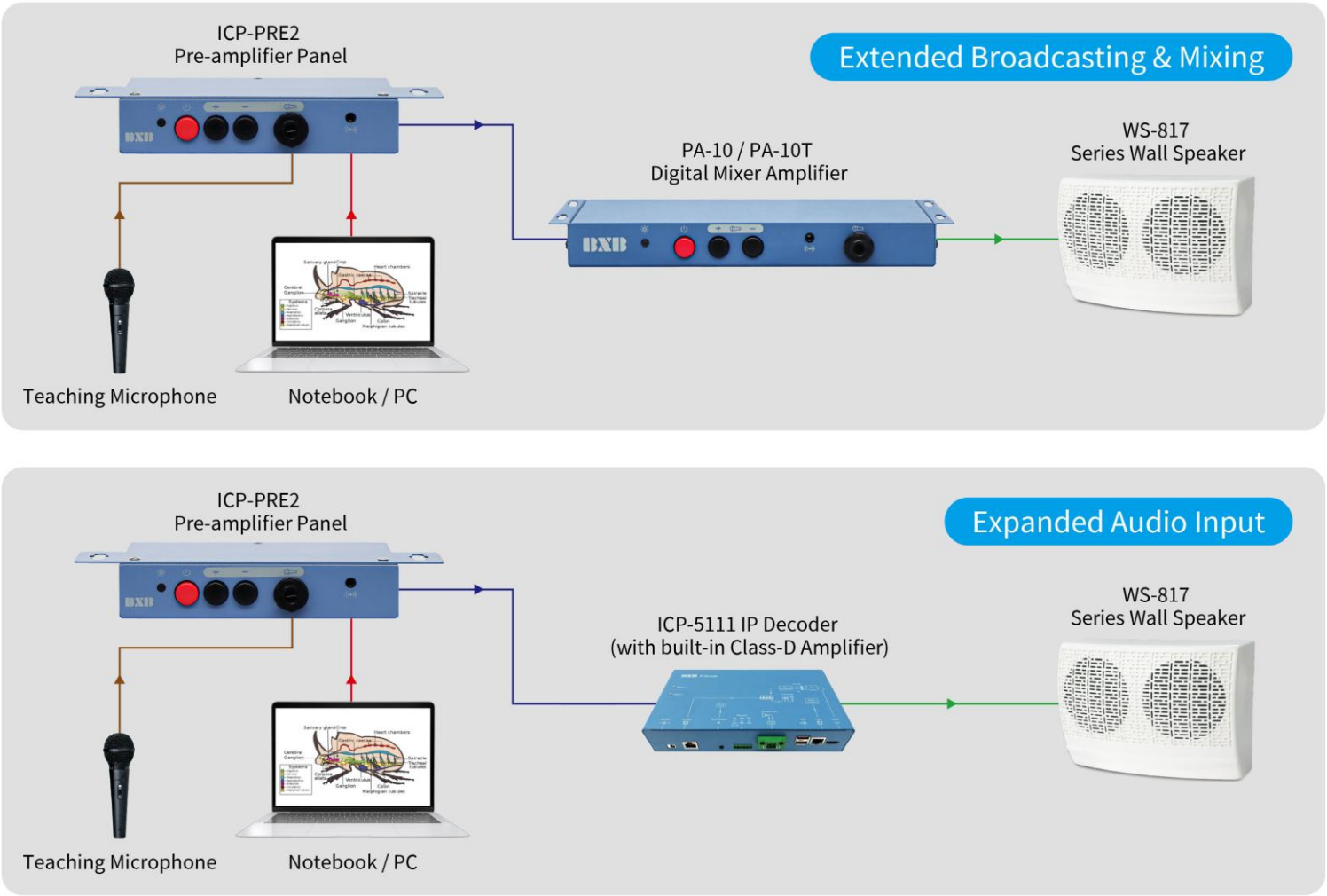
Product Specifications	
Line Source Input	Input Impedance: 1.8KΩ @ 1K Hz Maximum Input Audio Signal Level: 2.5 Vp-p
Microphone Source	Input Impedance: 48.7KΩ @ 1K Hz Maximum Microphone Input Level: 90 mVp-p (default volume) Minimum Microphone Input Level: 10 mVp-p Input Impedance: 1KΩ @ 1K Hz
Input	Maximum Input Audio Signal Level: 550 mVp-p Gain Range (Load @ 2.2KΩ): -4 to +31 dB
Line Source Input (Trigger Mixing)	Standby current: ≒ 30mA @ DC 12 V

Product Specifications	
Dimensions (W x H x D)	185 x 28.3 x 79.5 mm (with rack ears & 6.3mm jack)
Weight	341 g (with rack ears)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-15 ~ 55°C
Humidity	40 ~ 70% (non-condensing)

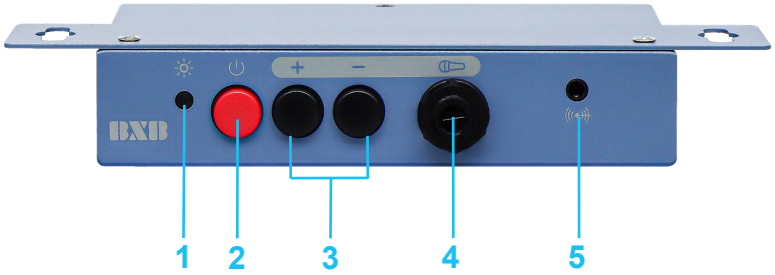
Product Features

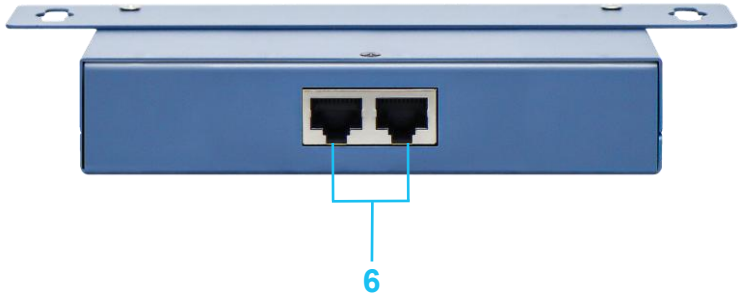


System Diagram



Front and Rear Panel Connections





1. LED Status Indicators
2. Teaching Mix On/Off Switch
3. Microphone Input Volume Adjustment
4. Teaching Mix Microphone Input Jack
5. Teaching Mix Line Audio Input Jack
6. Equipment Expansion Port

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