User Manual

100V VOLUME CONTROLLER WITH RELAY
BP-PA-VC120W-V2



Enjoy it.

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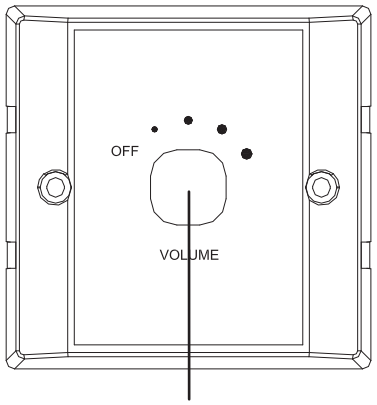
Product Description:

BP-PA-VC120W-V2 override volume controller is a high power volume controller with 24V override function for audio conferencing system.

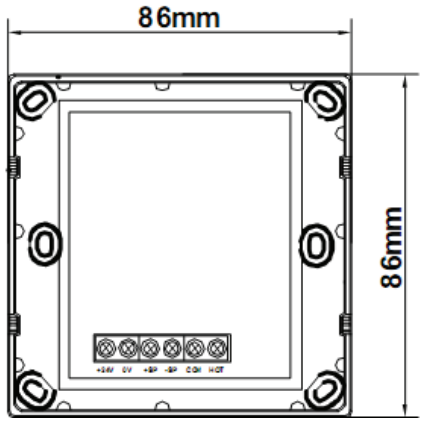
Features:

- With override function, fire fighting linkage.
- The power of the volume controller is 120W.
- 5 gear volume adjustment.

Appearance description:

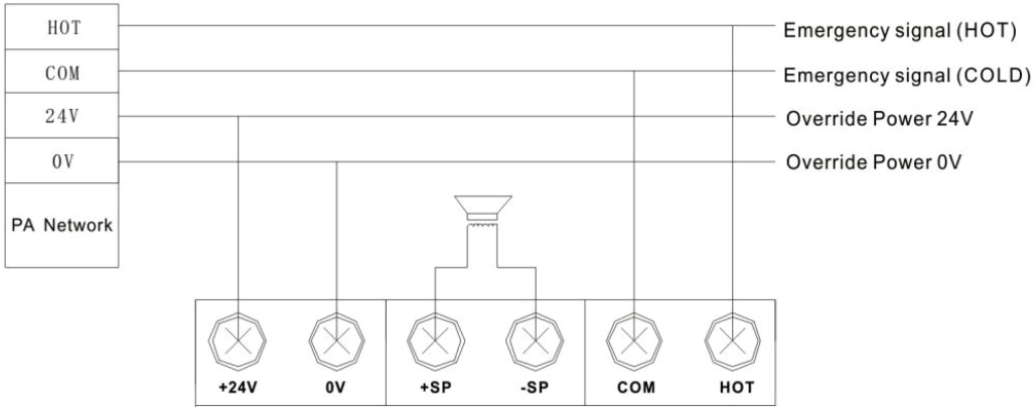


Volume control knob
(Front view)



Dimension

Apply connection:



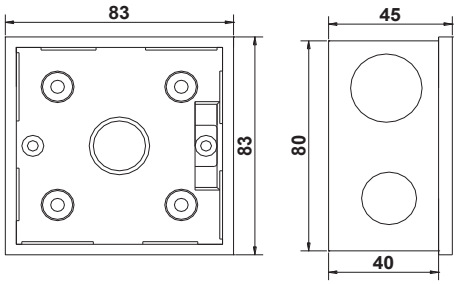
Installation steps:

1. When installing, please ensure that the depth of the bottom box of the volume controller is more than 50mm, or the optional 86 sound control box is provided by our company.

2. The embedded leader (audio input line and speaker connector) are connected to the volume controller on the back of it.

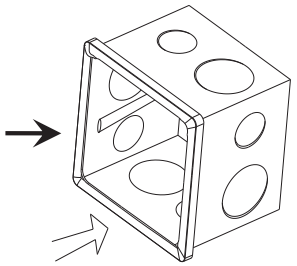
3. The volume controller is closed to the installation bottom box, then fixed with screws.

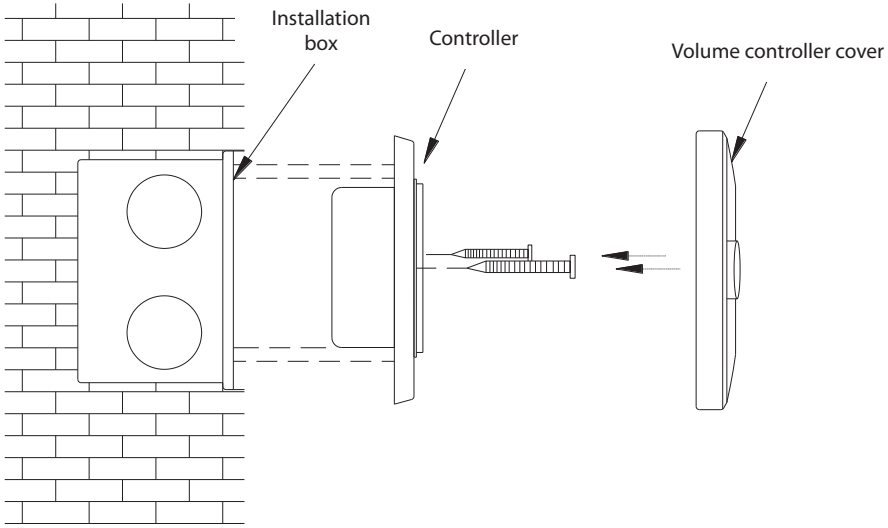
4. Cover the volume controller (the panel alignment of the volume controller then press hard) can be installed.



Mounting Box Dimension

Installation box in the wall installation direction diagram





Note: Make sure the volume knob of the volume controller is tuned to the smallest gear before connecting the leader to the volume controller, and ensure that the volume controller is installed and connected without charging all the machines.

Feature:

- PA (Public address) system use volume control with 24V relay.
- Background music system with voice alarm use attenuator with 24V relay.
- The volume controller is used to adjust the loudspeaker output in the room.
- Built-in transformer to control the PA 100V line loudspeakers.
- With 4 levels of volume attenuator and one position of off.
- The volume controller is used to keep same output level for one same speaker line, because the end the speaker line signal loss is rather big, so its outputs is less, thus volume controller is added to the front of the line to lower the speaker output so as to keep the similar ambient output level for the all of the speaker in the same line.
- The volume controller with 24V relay working principle: the relay from the amplifier or PA system will be input to this volume controller to override the output level to maximum when there is fire alarm or other emergency situation, by this way, some conference room even lower the volume or off the level during meeting even could hear the evacuation message during emergency.
- High level white UV-protected ABS material to integrate together with the white wall and architecture design.
- Surface wall mount or in-wall mounting box shall be purchased separated.

Specification:

Model	BP-PA-VC120W-V2
Description	100V Volume Control with Relay
Rated output	120W
24V Relay	With 24V relay
Line input	100V or 70V
Volume step	5 steps
Attenuation per step	3dB
Total attenuation	33dB
Material	UV-protected ABS
Finish	White
Mounting Way	Surface mount or in-wall mount
Depth	60mm
Plate dimension	86(W) × 86(D)mm