

RP41AV REMOTE PREAMP

The RP41AV is a fully functional infrared remote controlled audio/video preamp. Volume, Bass, Treble, Balance and Mute functions, plus A/V switching, provide all the functions needed for multi-room systems. It features a low noise, low distortion design with greatly increased headroom capability, for highest audio and video performance. The "flat pack" design addresses the need for reduced space requirements as multi-room, multi-zone systems grow in complexity.

Features

- 4 separate line level A/V inputs, simply labeled 1,2, 3, and 4, accessed in any order from the RC68+ Hand-held Remote/Programmer's infrared commands.
- Separate Volume (Up/Down), Balance (Left/Right), Bass and Treble controls feature continuous adjustment in 2 dB steps, in either direction, all IR controlled.
- Balance, Bass and Treble controls have a Flat function (on the RC68+) for instant return to flat response from any previous setting.
- Separate Mute On and Mute Off functions are included so that you can give a positive command without knowing what the status is. This is very helpful in remote areas when all adjustments are made "blind" without any visual aids for status.
- IR control input port connects to the emitter output of Xantech devices, allowing remote control from keypads, IR receivers, connecting blocks, etc.
- Tone controls allow Individual "EQ" of each room in multi-zone installations.

Specifications

- Gain (@ max VC): Unity
- Input Overload: 4.5 V RMS (@ max VC)
- Input Impedance: > 40 k Ohms (ea. input)
- Output Impedance: < 100 Ohms
- Volume Attenuation: -80 dB
- Signal to Noise: 100 dB (re 2V out), IEC 'A' weighted
- THD: (VC -10 dB) 0.01% at 2.0 V input level
- Channel Separation: > 75 dB @ 1 kHz
- Freq. Response: 20Hz-20kHz +/- 1 dB
- Bass Range: +/- 12 dB (in 2 dB steps)
- Treble Range: +/- 12 dB (in 2 dB steps)
- Video IN/OUT Impedance: 75 Ohms.
- Video Insertion Loss: 50 Hz - 10 mHz < 1dB.
- Video Out-IN Isolation: 50 Hz - 10 mHz > 55 dB.
- Power Requirements: 15 VAC @ 300 mA. Power supply included.
- Power and IR Inputs: 4-terminal screw terminal plug-in connector.
- Requires RC68+ Programmer.
- Dimensions: 10" W x 3" D x 1 3/8" H (254mm x 77mm x 35mm)



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