



Description:

The constant voltage speaker system makes it easy to distribute audio throughout a facility. Speakers can be placed above the listeners tapped for appropriate power levels totalling up to the total amplifier capacity. The TX-J2 is used to provide a balanced mono signal from the projector's unbalanced stereo output. For this conference room, the FP-PA20A constant-voltage (70 or 100 Volt) amplifier provides up to 20 Watts RMS to speakers located directly above the seating area. The integral compressor/limiter allows high average power levels of audio free from clipping and distortion. The FP-PA20A can be used in applications that previously would have required amplifiers rated for much higher power levels.

In this example, the amplifier is feeding four speakers at equal power levels. The 70 Volt system makes it easy to distribute audio so that clear, intelligible audio is available for all listeners.

Parts List

Product	QTY
FP-PA20A	1
TX-J2	1

Recommended Pwr. Supplies

Product	QTY
PS-24U2A 24 Vdc 2 A	1

Line Color Key

Red	Line Level Audio Signal
Yellow	Loudspeaker Level
Purple	Control Signal
Blue	Video
Green	Mic Level Audio Signal
Brown	Ground
Orange	Power
Black	Miscellaneous