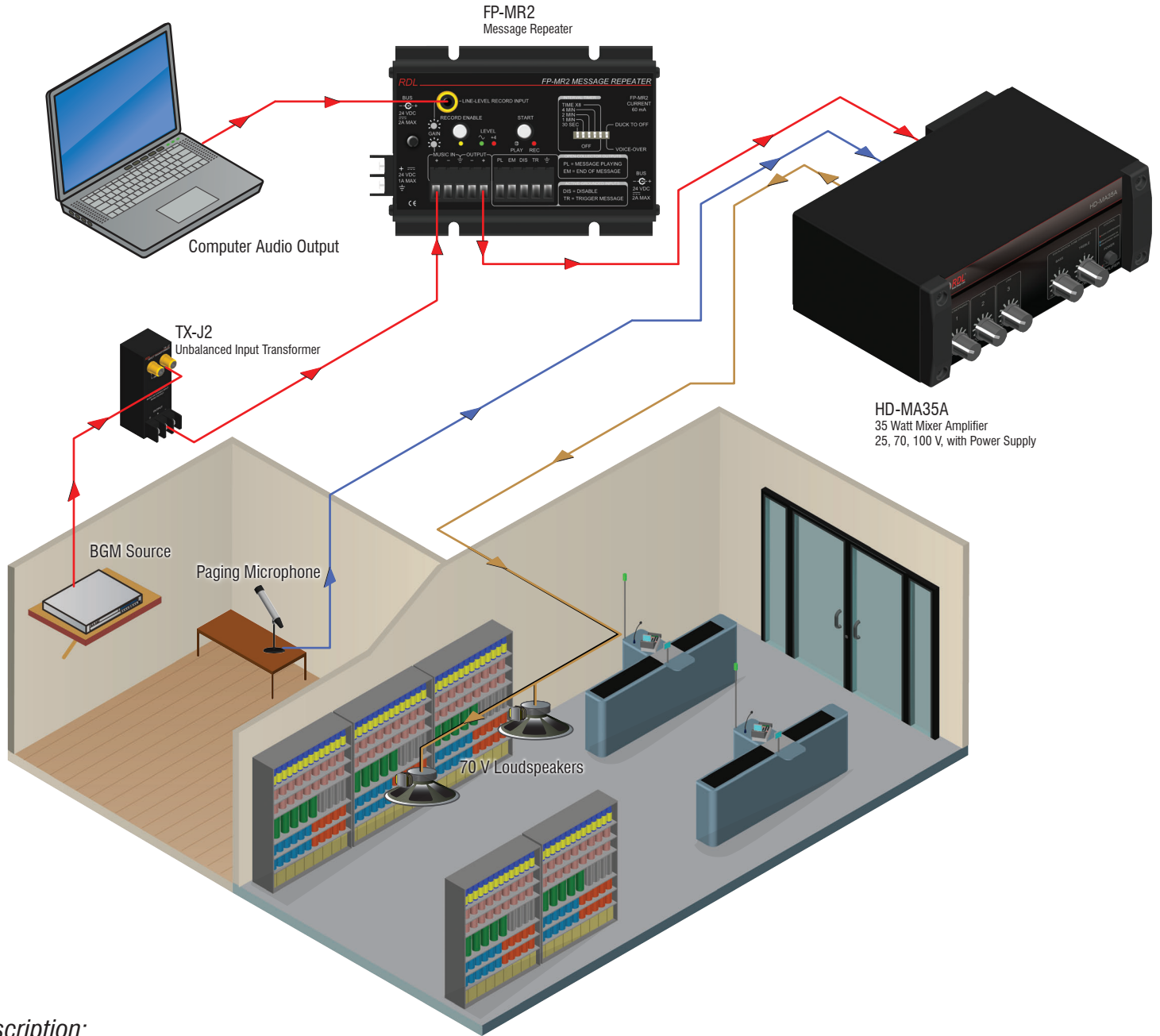


AUTOMATIC MESSAGE PLAYBACK WITH PAGING

Background Music with Message Repeater and Priority Paging



Description:

An RDL TX-J2 Unbalanced Input Transformer is used to sum and balance the stereo consumer output from the background music source. The TX-J2 output is connected to the balanced music input of the FP-MR2 Message Repeater which ducks the background music during message playback. The message plays at regular intervals set on the front-panel interval timer DIP switches.

Audio from the FP-MR2 is connected to Input 2 of the RDL HD-MA35A Mixer Amplifier. A priority paging microphone is connected to the HD-MA35A Input 1 which is set to duck signals from all other inputs to the mixer amplifier. The constant voltage output of the mixer amplifier provides 35 W RMS for the connection of 25 V, 70 V or 100 V loudspeakers.

The FP-MR2 is powered directly from the 24 Vdc output on the rear of the HD-MA35UA. A computer or any other unbalanced line-level source may be used to transfer a recorded message to the FP-MR2.

Parts List

Product	QTY
FP-MR2	1
HD-MA35A	1
TX-J2	1

Recommended Pwr. Supplies

Product	QTY
HD-MA35A Power Supply	1, included

Line Color Key

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