

Paging Input Details

The RM350D is oftentimes installed in retail locations for supplying background music alone, but it has a full-featured microphone paging input that makes it ideal for more demanding installations. The microphone input is a low-impedance balanced input that works with dynamic microphones. Whenever a page is made, the background music is muted. This can be done in two ways: 1) audio activity on the mic input, or 2) a switch contact closure. For enhanced flexibility, the RM350D can be set to respond to either a normally open or normally closed switch contact. The DDU250 and MBS1000A (see page 44) are perfect desktop microphones for this application since they each have a push-to-talk function.

By using a WMT1A matching transformer, the MIC input can be connected to the paging port of a telephone system. The audio-activated mute function of the RM350D will cause the background music to mute whenever a page is made. In addition, this input also has automatic level control (ALC), which controls how loud a page can be and ensures that people with loud voices don't boom over the paging system.

Music-On-Hold Source

The RM350D lets you make the most of your paging/background music system. A Pre-Page output connector on the rear of the unit supplies only the background music without any of the paging announcements. Connect this output to the telephone system's music-on-hold input and callers will enjoy the background music too. The Pre-Page output will supply either the tuner or AUX program material depending on the setting of the Aux/Tuner button.

Speaker Zones

Built into the RM350D is a convenient 4-zone selector switch group. These push-on/push-off switches allow you to control how paging is distributed throughout a facility. Simply turn on and off groups of speakers as needs change. An "ALL" button is also provided to turn on all system speakers, overriding any individual setting.

Accessories



RPK47
Rack
Mount Kit
(2 rack spaces)



WMT1A
Matching
Transformer

AM/FM 35-Watt Receiver



RM350D

The RM350D is a unique self-contained paging system with an AM/FM tuner, providing 35 watts of paging power. A low-impedance, balanced microphone input is provided for microphone paging announcements or telephone paging when used with an accessory transformer (WMT1A). A music-only output can feed announcement-free background music to other equipment or to a telephone music-on-hold input.

Product Features:

- 35-Watt amplifier for 4 to 8-ohm, 25V, or 70V speaker systems
- Built-in AM/FM tuner
- 18 FM and 12 AM station presets
- PLL-synthesized tuning for drift-free operation
- 2 inputs: 1 MIC (Lo-Z), 1 AUX (Hi-Z)
- Four speaker zone switches allow paging in up to four different areas, any combination, or All-Call
- Single button control for All-Call
- Tuner/Aux selector switch
- Auxiliary input for external music sources
- Automatic muting of background music during pages (voice-activated)
- Music mute optionally controlled with external contact closure (N.O. or N.C.)
- Automatic Level Control of microphone announcements assures excellent intelligibility
- Separate controls for music, volume, bass, treble, and microphone input for paging announcements
- Music-only output unaffected by volume or tone controls
- Push-button tuner controls
- Large, easy-to-read, backlit LCD station frequency display (orange)
- FM dipole antennas included
- Compact, heavy-duty, commercial-grade construction
- Rack-mountable with accessory mounting kit
- Stereo-to-mono AUX input cables included
- UL Listed

Power Requirements:	120V AC
Dimensions:	12" W x 3-1/2" H x 8-1/2" D
Product Weight:	13 lb.

