AVLELEC™

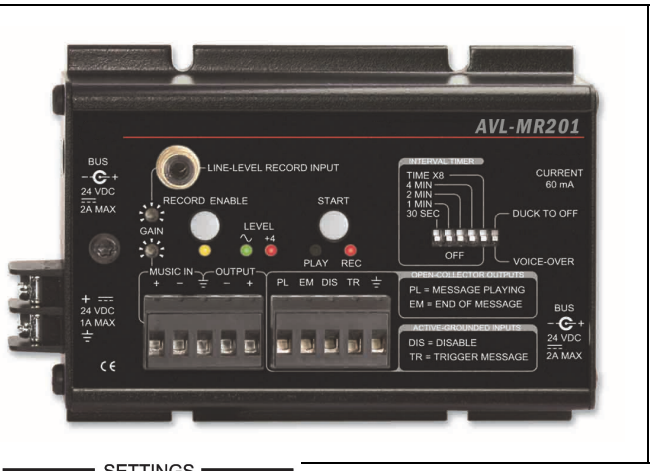
SOUNDMASKING PRIVACY

AVL-DMR-KIT-1

AVL-MR201

Message Repeater

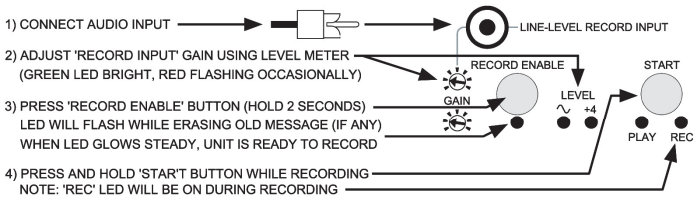
- Repeating Single Message
- Music Quality Message Recording
- Up to 1.7 Minute Digital Message Storage
- External/Remote Message Actuation
- Interval Timer to Repeat Message Playback
- Background Music Input
- Automatic Voice-Over or Music Ducking



Installation/Operation

RECORDING

1) CONNECT AUDIO INPUT → LINE-LEVEL RECORD INPUT
2) ADJUST 'RECORD INPUT' GAIN USING LEVEL METER (GREEN LED BRIGHT, RED FLASHING OCCASIONALLY)
3) PRESS 'RECORD ENABLE' BUTTON (HOLD 2 SECONDS) LED WILL FLASH WHILE ERASING OLD MESSAGE (IF ANY) WHEN LED GLOWS STEADY, UNIT IS READY TO RECORD
4) PRESS AND HOLD 'STAR'T BUTTON WHILE RECORDING NOTE: 'REC' LED WILL BE ON DURING RECORDING
5) RELEASE 'START' BUTTON WHEN FINISHED; NOTE: 'REC' LED WILL GO OFF
6) IF DESIRED, LISTEN TO YOUR MESSAGE USING THE CONNECTED POWER AMPLIFIER AND SPEAKERS (OR RDL PT-AMG2) BY MOMENTARILY PUSHING THE START BUTTON; NOTE: 'PLAY' LED WILL BE ON DURING PLAYBACK



SETTINGS

DUCKING

MUSIC FADES UNDER MESSAGE DURING MESSAGE PLAYBACK (FOR VOICE-ONLY MESSAGES)

MUSIC FADES COMPLETELY OFF DURING MESSAGE PLAYBACK (REQUIRED FOR MESSAGES WITH MUSIC)

INTERVAL TIMER

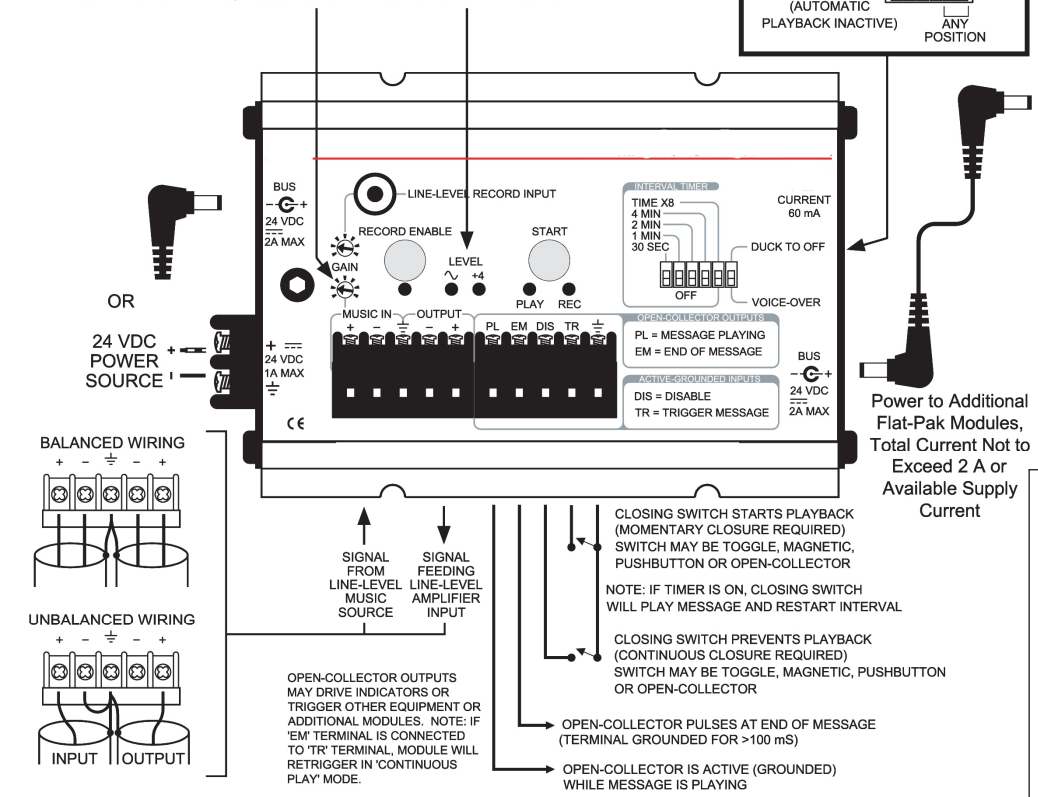
ANY TIME SWITCH TURNS TIMER ON → ANY POSITION

SET TIME SWITCHES TO TOTAL DESIRED INTERVAL BETWEEN AUTOMATIC MESSAGE PLAYBACK; SET 'X8' TO MULTIPLY TIME SWITCH SETTINGS BY 8

TIMER OFF (AUTOMATIC PLAYBACK INACTIVE) → ANY POSITION

SETTING MUSIC LEVEL

WHILE A MESSAGE IS NOT PLAYING, ADJUST MUSIC LEVEL USING VU METER INDICATION



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rule. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off an on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

TYPICAL PERFORMANCE

Music Input

Input:	50 kΩ balanced or unbalanced
Input Level (for +4 dBu out):	-18 dBu bal. (-20 dBV unbal.) to +18 dBu bal. (+16 dBV unbal.)
Frequency Response:	30 Hz to 40 kHz (+/- 1 dB)
THD+N:	< 0.05% (1 kHz)
Noise below +4 dBu:	< -70 dB (unity gain)
CMRR:	>70 dB (50 to 150 Hz)

Control

Control Inputs (2):	TRIG and DISABLE, Pull to ground, 1 mA
Control Outputs (2):	Open-collector @ 25 mA

Recording Input

Input:	10 kΩ unbalanced
Input Signal:	-20 dBV to 0 dBV
Frequency Response:	80 Hz to 12 kHz (+/- 1.5 dB)
Noise below +4 dBu:	< -65 dB
Output:	150 Ω balanced or 75 Ω unbalanced
Output Level:	+4 dBu nominal
Power Requirement:	24 Vdc @ 60 mA, Ground-referenced
Dimensions:	Width: 3.25 in. (8.26 cm); Length: 5.00 in. (12.70 cm); Height: 1.36 in. (3.46 cm)

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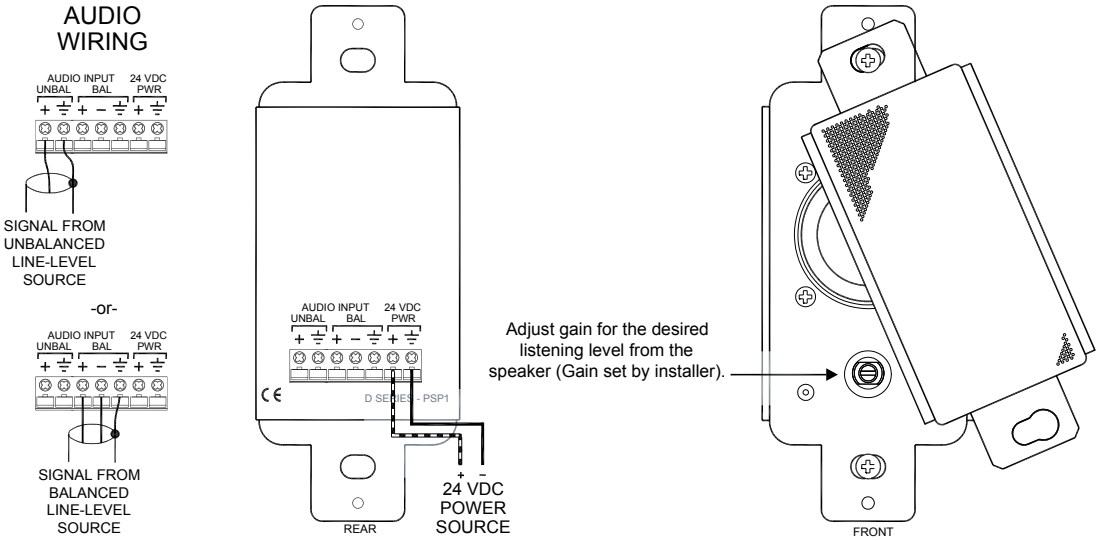
AVL-DMR-KIT-1

Decora-Style Active Loudspeaker (Stainless Steel)

- Exceptional Audio Quality for Ultra-Compact Size
- 2 Watt RMS Audio Amplifier
- Compressor/Limiter Prevents Clipping
- Balanced +4 dBu Input on the Rear Panel
- Unbalanced -10 dBV input on the Rear Panel
- Gain Set by the Installer
- Acoustically Optimized Decora Enclosure
- Fidelity Comparable to Larger Drivers
- Hemispherical Dispersion Mounted In Wall or Flat Surface



TYPICAL PERFORMANCE

Inputs (2):	30 kΩ balanced or 10 kΩ unbalanced
Input Level:	+4 dBu nominal (Balanced); -10 dBV nominal (Unbalanced)
Minimum Input Level:	-18 dBu (Balanced, Max. gain); -19 dBV (Unbalanced, Max. gain)
Maximum Input Level:	+22 dBu
Gain Adjustment:	Single-turn audio taper (set by installer)
Maximum SPL:	81 dB
Frequency Range:	150 Hz to 20 kHz, nominal
CMRR:	> 50 dB (50 Hz to 120 Hz)
Power Requirement:	24 Vdc @ 55 mA (Idle); 100 mA (maximum), Ground-referenced
Ambient Operating Environment:	0° C to 40° C Maximum; 20° C Recommended
Dimensions:	Height: 4.13 in. 10.49 cm; Width: 1.7 in. 4.32 cm; Depth: 2.05 in. 5.21 cm