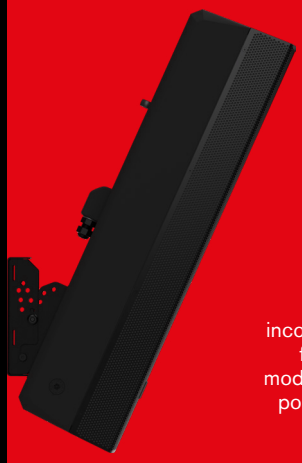
Electro-Voice

LRC

LINE RADIATOR COLUMN LOUDSPEAKERS

MAXIMUM AUDIO PERFORMANCE MINIMUM VISUAL IMPACT

The LRC series expands the Electro-Voice installed sound portfolio with three passive column loudspeaker models – the LRC-1060, LRC-1100 and LRC-2100. Based around purpose-built 2.5” drivers and proprietary PaSS dispersion control technology, all models provide carefully controlled vertical dispersion and smooth frequency response for environments where both audio quality and clean aesthetics are required.



SIMPLICITY, PRACTICALITY AND FLEXIBILITY

The LRC design concept is focused on easy installation, with a range of integrator-friendly features. Passive designs with integrated 70/100V + Lo-Z transformers (LRC-1060 & LRC-1100) avoid the complexity of external Hi-Z adapters or active steerable systems.

The patent-pending SwifTilt System incorporates a super-compact, multi-function flush/pan/tilt bracket that enables all LRC models to be mounted as close to the wall as possible, in any scenario – all while keeping cables and hardware out of sight.

BIG SOUND THAT BLENDS INTO THE BACKGROUND

Available in white or black paintable enclosures suitable for indoor or fully outdoor environments, these sleek, aesthetically matched speakers blend easily into their surroundings while providing exceptional all-around audio performance for main, delay or distributed sound reinforcement duties in houses of worship, outdoor performance structures, hospitality venues, mass transit, commercial interiors and more – maximum audio performance with minimal visual impact.

Whereas other currently available column systems may compromise sound quality to achieve the desired coverage in larger spaces, the LRC series has been holistically designed to offer a high-performance combination of both elements that sets a new benchmark for the format.

Learn more at electrovoice.com

BEST-IN-CLASS SOUND QUALITY, COVERAGE AND BASS OUTPUT

LRC driver and waveguide configurations are optimized for smooth, full-bandwidth clarity and coverage in large and/or reverberant areas, with key features that allow output to be precisely tailored to the space. All models include EV's proprietary PaSS technology featuring custom-designed phase plugs to extend lobe-free high-frequency output beyond the range of human speech, maximizing intelligibility.

Unique passive-radiators are used in the LRC-1060 and LRC-1100 to extend the low-frequency output well below 100 Hz, making them usable for many musical applications. The higher-output LRC-2100 goes even further, using a two-way design and dual-6.5" woofers to extend LF response with authority down to 45 Hz, for true full-range performance in a single-column format. The LRC-1100 and LRC-2100 include switchable wide/narrow vertical coverage control settings and passive acoustic down-tilt, which focuses energy on the audience without physically tilting the loudspeaker.

The two transformer-equipped models feature EV's patented Automatic Saturation Compensation (ASC) technology, which preserves low-frequency response while protecting system electronics from unstable loads when the transformer is engaged – regardless of the number of speakers connected to the line. This makes the LRC-1060 and LRC-1100 ideal for environments that require both high-quality music playback and EN54-24 certified performance, or any use where both linear performance and Hi-Z deployments are required.

PRELIMINARY

KEY PRODUCT SPECIFICATIONS

	LRC-1060	LRC-1100	LRC-2100
Frequency range (-10dB, half space)	70 Hz - 15 kHz	65 Hz - 14 kHz	45 Hz - 16 kHz*
Maximum SPL	122 dB	126 dB	129 dB*
Axial sensitivity (dB SPL 1W/1m)	90 dB	93 dB	92 dB*
Acoustic down-tilt (relative to horizontal)	0°	-5°	-7.5°
Coverage angle HxV	130° x 20°	130° x 20°/40° (narrow/wide)	140° x 25°/45° (narrow/wide)
Power handling (continuous)	100 W	200 W	300 W
Power handling (program)	200 W	400 W	600 W
Peak input voltage	80 V	115 V	145 V*
Nominal impedance	8 Ω	8 Ω	8 Ω*
Recommended high pass filter	≥70 Hz Butterworth 24 dB/oct	≥70 Hz Butterworth 24 dB/oct	≥50 Hz Butterworth 24 dB/oct
Transformer taps (70V line)	60 W, 30 W, 15 W, 8 W, 4 W, 8 Ω	120 W, 60 W, 30 W, 15 W, 8 W, 8 Ω	N/A
Transformer taps (100V line)	60 W, 30 W, 15 W, 8 W, 8 Ω	120 W, 60 W, 30 W, 15 W, 8 Ω	N/A
Transducer quantity/size	Six 2.5 in full-range drivers Two 2.5 in passive radiators	Twelve 2.5 in full-range drivers Three 2.5 x 6.5 in passive radiators	Twelve 2.5 in mid-high drivers Two 6.5 in woofers in band-pass
Connector type	4-pin Phoenix/Euroblock (input + pass-through)	4-pin Phoenix/Euroblock (input + pass-through)	4-pin Phoenix/Euroblock (input + pass-through)
Maximum wire size	12 AWG	12 AWG	10 AWG
Suspension points	Two M8 hardpoints	Two M8 hardpoints	Four M8 hardpoints
Mounting	SwifTilt multi-angle tilt + pan bracket	SwifTilt multi-angle tilt + pan bracket	SwifTilt multi-angle tilt + pan bracket
Vertical down-tilt angles	0°, 2.5°, 5°, 7.5°, 10°, 15°, 20°, 25°	0°, 2.5°, 5°, 7.5°, 10°, 15°, 20°, 25°	0°, 2.5°, 5°, 7.5°, 10°, 15°, 20°, 25°
Maximum horizontal pan angle	+/- 80° (at all down-tilt angles)	+/- 80° (at all down-tilt angles)	+/- 80° (at all down-tilt angles)
Weatherization	Full Exposure (FW), IP56c	Full Exposure (FW), IP56c	Full Exposure (FW), IP55
Color	RAL 9004 black or RAL 9003 white	RAL 9004 black or RAL 9003 white	RAL 9004 black or RAL 9003 white
Dimension (H x W x D)	22.83 in x 4.13 in x 5.67 in (580 mm x 105 mm x 144 mm)	37.40 in x 4.33 in x 5.91 in (950 mm x 110 mm x 150 mm)	37.40 in x 7.28 in x 9.84 in (950 mm x 185 mm x 250 mm)
Weight	9.7 lbs / 4.4 kg	16.8 lbs / 7.6 kg	33.1 lbs / 15 kg
Included hardware	Tilt Bracket, Pan Bracket, Gland Nut Weather Cover, Dual-ended Allen/TR20 Key, M8x20mm Eyebolt (Pre-installed)	Tilt Bracket, Pan Bracket, Gland Nut Weather Cover, Dual-ended Allen/TR20 Key, M8x20mm Eyebolt (Pre-installed)	Tilt Bracket, Pan Bracket, Gland Nut Weather Cover, Dual-ended Allen/TR20 Key, M8x20mm Eyebolt (Pre-installed)

All models are supported by EASE/Ease Focus3, PREVIEW Loudspeaker Software and SONICUE Sound System Software.

*Projected final performance

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