

# Components

In the late 1960s and early 1970s, two Australians—A.N. Thiele and R.H. Small—developed the parameters by which the performance of loudspeaker components could be accurately predicted before manufacture. With the Thiele-Small Parameters, engineers could design loudspeakers on paper instead of by expensive trial and error. In 1972, EV became the first U.S. manufacturer to design and produce components according to these parameters. EV's cutting-edge components today are part of that legacy of technological excellence.

## Woofers

EV component woofers are high-efficiency designs highly refined from years of development and field experience. They employ extended-length voice coils for high-impact reproduction of dynamic low-frequency program. All woofers feature proprietary heat-transfer systems for unmatched power capacity and reliability. Kevlar®-fiber-composite cones are used to provide structural strength to resist collapse during explosive dynamic peaks and to provide internal mechanical damping to minimize resonances that can change the character of the sound at high levels. DL and EVX woofers are made of cast aluminium frames with push terminals, and all feature Ring-Mode Decoupling™ (RMD™) except for the DL18MT and the EVX180B.



### DL10X

- 10" loudspeaker ideal for high-power mid-bass applications or 2-way systems for voice reinforcement
- 300 W EIA power rating
- Good choice for direct-radiating or horn-loading
- RMD™ technology ensures level-independent vocal-range fidelity

### DL12BFH

- 12" loudspeaker ideal for high-power 2-way systems
- 300 W EIA power rating
- Good choice for direct-radiating
- RMD™ technology ensures level-independent vocal-range fidelity

### DL12ST

- 12" loudspeaker ideal for high-power 2-way systems or mid-bass
- 300 W EIA power rating with maximum SPL output
- Good choice for direct-radiating
- RMD™ technology ensures level-independent vocal-range fidelity

### DL15BFH

- 15" loudspeaker ideal for high-power bass boxes or 2-way systems
- 350 W EIA power rating
- Good choice for direct-radiating
- RMD™ technology provides smooth vocal performance with low-frequency impact

### DL15ST

- 15" loudspeaker ideal for high-power bass boxes or 2-way systems
- 400 W EIA power rating with maximum SPL output
- Good choice for direct-radiating or horn-loading
- RMD™ technology provides smooth vocal performance with low-frequency impact

### DL18MT

- 18" loudspeaker ideal for high-power subwoofer systems
- 400 W EIA power rating
- Good choice for direct-radiating or horn-loading

### EVX155

- 15" loudspeaker ideal for high-power bass boxes or 2-way systems
- 600 W EIA and 1,000 W program power ratings
- EV's highest-performance 15" woofer with maximum excursion and SPL capability
- Good choice for direct-radiating or horn-loading
- RMD™ technology provides smooth vocal performance with low-frequency impact

### EVX180B

- 18" loudspeaker ideal for high-power subwoofer systems
- 600 W EIA and 1,000 W program power ratings
- EV's highest-performance 18" woofer
- Very high excursion capability produces very high acoustic power
- Good choice for direct-radiating or horn-loading

### Speaker Parts

