

Dynacord® Launches Addition to the COBRA Line, M15 and M18 Multipurpose Powered Loudspeakers, at NSCA

Las Vegas, NV (March 19, 2004): Dynacord is pleased to announce the launch of an addition to the COBRA Line, M15 and M18 Multipurpose Powered Loudspeakers at the NSCA show in Las Vegas, Booth #2715 and demo room S-233.

Designed to complement the popular Dynacord Cobra 2 and Cobra 4 systems, the M15 and M18 offer the user multipurpose powered loudspeakers for high power front- or side-fill, as high power active 2-way floor monitors, high power drum fill, or as extensions to pro music, club, A/V, theater, and speech systems, stacked or flown.

Dynacord M15

- Active 2-way full-range cabinet with an Electro-Voice EVX-155 15-inch LF- and an Electro-Voice ND6 3-inch voice coil, neodymium HF-driver
- Integrated Power Tracking Class H amps with 460W for the LF- and 140W for the HF-range
- Switch to MID-HIGH operation for monitor or delay applications
- Wide horizontal coverage (80-degrees)
- Voice Coil Tracking Protection for maximum SPL with maximum operational safety
- Asymmetric enclosure design for optimum PA and monitor applications
- Safe and lockable PowerCon mains connection and through socket
- Extensive range of flying accessories with integrated rigging rails



The Dynacord M15 is equipped with an Electro-Voice® ND-6 neodymium driver for the HF range and a 15-inch Electro-Voice® EVX-155 for the LF range. These are driven by the integrated system controller and a two-way power stage with separate LF- and HF-channels. A slide switch allows you to select between “Full-range” and “Mid-High” operation modes.

A high-efficiency Class H power amplifier is used for the low frequency range – a decision that results in reduced thermal power loss, lower power consumption and a notable reduction in the overall weight of the unit. A separate power amplifier is used for the higher frequencies. Both power stages are convection cooled, thereby eliminating annoying fan noise.

The amplifiers have a combined output of 600 watts (460 W LF and 140 W HF) and peak sound pressure levels in excess of 128 dB/1 m can be achieved with minimal distortion.

This active enclosure projects twice as far as conventional passive enclosures, whilst the 80-degree x 55-degree coverage pattern is wide enough to avoid the alignment problems associated with narrower coverage enclosures.

The frequency response of the M15 is extremely linear. The horizontal and vertical radiation patterns are also extraordinarily uniform, which means that the M15 is far less susceptible to feedback than comparable enclosures and therefore the ideal choice for monitoring applications.

The fully-electronic VOICE COIL TRACKING PROTECTION provides reliable protection for the transducers from thermal overload whilst offering the widest possible dynamic range.

Dynacord M18

- Active subwoofer with 18-inch driver and integrated controller
- Voice Coil Tracking Protection for maximum SPL with maximum operational safety
- Integrated Power Tracking, Class H 800 W amp
- Safe and lockable PowerCon mains connection and through socket
- Both M15 and M18 cabinets offer grooves for problem-free stacking



The M18 is an active, direct-radiating subwoofer with an integrated controller and an Electro-Voice® EVX-180 B 18-inch woofer. The integrated controller with its 124 Hz 24dB/Oct. Linkwitz-Riley filter and the electronically balanced XLR sockets make it possible to create a complete active 3-way system using active satellites such as the M15. The frequency and phase response of the M18 also allows its direct use in parallel with existing full-range loudspeakers. A line signal from a separate mixing console output can be fed into the M18 subwoofer and the satellites balanced with ease using the integrated level control.

The M18 is equipped with an 800W high-efficiency Class H power amplifier. The use of Class H technology results in reduced thermal power loss, lower power consumption and a notable reduction in the overall weight of the unit. The power amplifier is convection-cooled, thereby eliminating annoying fan noise.

The fully-electronic VOICE COIL TRACKING PROTECTION technology is used to protect the 18-inch woofer from thermal overload, whilst maintaining maximum dynamic range.

Dynacord® is a professional audio brand of Telex Communications, Inc., a leader in the design, manufacture and marketing of sophisticated audio, wireless, multimedia, aircraft, broadcast and communications equipment for commercial, professional and industrial customers. Telex Communications markets its products in more than 80 countries under the brands EV®, Telex®, RTS®, Dynacord®, Midas®, Klark Teknik®, University® and others.

For more information, call 1-800-392-3497, or visit www.dynacord.com.

** Note to the Press: The Dynacord® M15 and M18 were released last year in the European and International markets as Dynacord® **MADRAS®** M15 and M18. Now, after realizing the market demands for this kind of multi-purpose active loudspeaker in the U.S. and North America, the M15 and M18 will be available in the U.S. and North America. However, they WILL NOT carry the MADRAS® name.

James Edlund
Public Relations Manager
Telex Communications, Inc.
12000 Portland Ave. South
Burnsville, MN 55337
Phone: 952-736-3901
Fax: 952-736-4582
E-mail: James.Edlund@telex.com

Guy Low
Public Relations Writer
Telex Communications, Inc.
12000 Portland Ave. South
Burnsville, MN 55337
Phone: 952 736-3935 / 612 710 0829
E-mail: Guy.Low@telex.com

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