

# forum

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# line





## F120

With the development of the F120 2-way loudspeaker system, DYNACORD sets a new standard for professional 12-inch 2-way loudspeakers. Its 100 dB of SPL, its extremely wide radiation pattern and its excellent reproduction quality make the F120 the perfect choice to be used as full range loudspeaker system and as Mid/Hi-part in active 2-way applications as well. Compared to usual 12-inch 2-way loudspeaker systems, it provides approximately double the coverage and intelligibility and at the same time produces truly excellent, natural reproduction of the vocals. The legendary Electro-Voice EVM12L Pro-Line 12" woofer and an Electro-Voice DH2T titanium diaphragm driver coupled with a HT94 Constant-Directivity Horn provide outstanding intelligible mids and crystal-clear reproduction of the high frequency range. The newly developed crossover is built

using high-quality, selected-for-audio-purposes-only components. It employs professional halogen radiators and thermal breakers to protect the speaker systems from being damaged during overload situations. The system switch on the connection board allows to easily configure the F120 for full range operation or to be connected to DYNACORD system power amplifiers like the PM 2600 or Xa2600. A steadfast pole-mount stand flange comes as a regular feature while the cabinet's front-protection is achieved through a strong steel grille with acoustic foam cover. Through using the carrying handles it is possible to retrofit the F120 with a TÜV-approved rigging-kit, so that "flown" applications are possible without a problem and the cabinet's trapezoidal shape is perfect for setting up loudspeaker arrays.



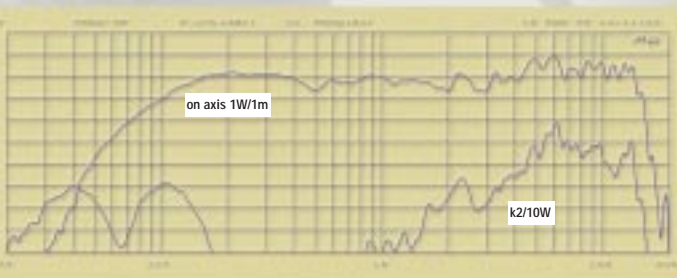
## F150

Designing a professional, low-weight, high-performance 15-inch 2-way cabinet that provides an optimum in sound quality and at the same time offers excellent price-performance ratio was the task our R&D department had been confronted with.

Its 102 dB of SPL, its extremely wide radiation pattern and its excellent reproduction quality make the F150 the perfect choice to be used as full range cabinet and as Mid/Hi-part in active 2-way applications as well. Compared to conventional 15-inch 2-way loudspeaker systems, it provides approximately 30 % more coverage and intelligibility and at the same time produces truly excellent, natural reproduction of the vocals. An Electro-Voice EVM15L Pro-Line 15" woofer and an Electro-Voice DH2T titanium diaphragm driver coupled with a HT94 Constant-Directivity Horn provide outstanding intelligible mids and crystal-clear reproduction of the high frequency range. The newly developed crossover is built

using high-quality, selected-for-audio-purposes only components, employing professional halogen radiators and thermal breakers to protect the speaker systems from being damaged during overload situations. The system switch on the connection board allows to easily configure the F150 for full range operation or to be connected to DYNACORD system power amplifiers like the PM 2600 or Xa2600. Input and through-connection are supplied via two SPEAKON connectors. A steadfast pole-mount stand flange comes as a regular feature while the cabinet's front-protection is achieved through a strong steel grille which is covered with acoustic foam. Using the carrying handles provides the opportunity to retrofit the F150 with a TÜV-approved rigging-kit, so that "flying" applications are possible without a problem and the cabinet's trapezoidal shape is perfect for setting up loudspeaker arrays.

### F120



### F150



# forum line



## F5

The high efficiency, extremely compact sized F5 is a sub woofer providing outstandingly powerful bass sound reproduction. The optimally vented enclosure design houses an Electro-Voice DL15X woofer that guarantees superb power handling, a high efficiency range and low distortion. The integrated passive PowerMax crossover (crossover frequency 160 Hz) offers additional parallel and crossover outputs which allow the connection of external full range or Mid/Hi-cabinets. A thermal breaker and a halogen lamp protection prevent the Electro-Voice DL15X woofer from being damaged by hazardous short-term peak levels or thermal overload. The SPEAKON connectors are carried out in 4-pole wiring, so that inter-

connecting the loudspeaker components in active installations incorporating a DYNACORD system power amplifier – e. g. the PM2600 or Xa2600 – and using 4-conductor SPEAKON cables raises absolutely no problem; inadvertently mismatching cables is not possible. The threaded flange in the top of the enclosure is an essential feature when establishing active or passive satellite system configurations, e. g. using F120 or F150 loudspeakers. Four extremely sturdy castors are located on the rear of the enclosure and four ergonomically optimized carrying handles make transportation and set-up as easy as can be. Reliable front-protection is guaranteed through the steadfast steel grille and the acoustic foam cover.

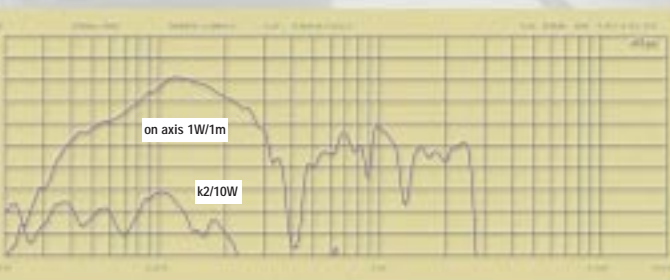


## F8

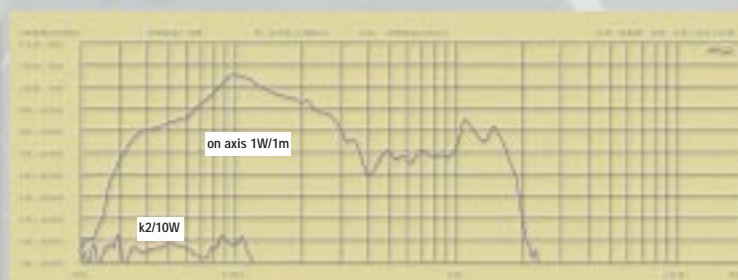
The F8 18-inch sub woofer represents DYNACORD's consequently improved design of the F118 which has proven its outstanding performance capabilities over several years now. The highly efficient Electro-Voice EVX180A 18-inch woofer is designed for a continuous power handling of 500W, being capable of providing peak sound pressure levels of up to 130dB. The integrated passive PowerMax crossover (crossover frequency 160Hz) offers additional parallel and crossover outputs which allow trouble-free parallel or crossover operation incorporating professional full range or Mid/Hi cabinets. Thermal breaker and halogen lamp protection prevent the Electro-Voice EVX180A woofer from being damaged by hazardous short-term peak levels or thermal overload. The SPEAKON

connectors come with 4-pole wiring. Thus, active system set-ups, e. g. incorporating DYNACORD system power amplifiers PM2600 or Xa2600 and using 4-pole system loudspeaker cables can be comfortably realized without having to fear to inadvertently make the wrong connection. The threaded flange in the top of the enclosure is an essential feature when establishing satellite system configurations, e. g. using F120 or F150 loudspeakers. Four extremely sturdy castors are located on the rear of the enclosure and four ergonomically optimized carrying handles make transportation and setup as easy as can be. Reliable front-protection is guaranteed through the steadfast steel grille and the acoustic foam cover.

### F5



### F8





## Technical Specifications

Type	F120	F150	F5	F8
<b>Design:</b>	2-way	2-way	Sub woofer	Sub woofer
<b>Components:</b>				
<b>LO:</b>	1 x 12" EVM 12L Pro-Line	1 x 15" EVM 15 L Pro-Line	1 x 15" EV DL15X	1 x 18" EVX 180A
<b>HI:</b>	DH 2T HT 94	DH 2T HT 94	- -	- -
<b>Nominal power rating RMS:</b>	300 W	400 W	400 W	500 W
<b>Program power capacity:</b>	600 W	800 W	800 W	1000 W
<b>Frequency response (-10 dB):</b>	75 Hz-18 kHz	70 Hz-18 kHz	48 Hz-280 Hz	40 Hz - 300 Hz
<b>Nominal SPL (1W/1m):</b>	100 dB	102 dB	100 dB	100 dB
<b>Max. SPL*:</b>	128 dB	131 dB	129 dB	130 dB
<b>Impedance:</b>	8 Ω	8 Ω	8 Ω	8 Ω
<b>Crossover frequencies:</b>	1.6 kHz	1.6 kHz	160 Hz	160 Hz
<b>Dimensions:</b>				
<b>Width:</b>	436 mm	522 mm	436 mm	522 mm
<b>Height:</b>	629 mm	755 mm	617 mm	737 mm
<b>Depth:</b>	339 mm	395 mm	674 mm	674 mm
<b>Weight:</b>	21.5 kg	26.5 kg	30.5 kg	38.0 kg

\* calculated with program power

