

PRELIMINARY



# Corus Evolution

COMPACT LOUDSPEAKER SYSTEMS

Mobile Audio | Concert Sound | Fixed Installation | Pro Entertainment



**DYNACORD**  
GERMAN ENGINEERING EXCELLENCE





## Corus Evolution

### COMPACT LOUDSPEAKER SYSTEMS

■ **The Corus Evolution is the latest generation of a highly successful family of loudspeakers with wooden cabinets that boasts a tradition going back many years. Developed for applications in the field of live musical performance but also for fixed installation, the Corus Evolution models convince through their very high power handling, excellent acoustic performance and their especially attractive price.**

With their robust, flush-mounted, acoustic-gauze-backed, steel protective grilles, their large, user-friendly handles, and their ergonomically recessed connection panels, they feature elegant and unobtrusive styling that has a pleasant, timeless quality. Their high-quality workmanship and production quality is typical of goods Made in Germany. All the full-range cabinets have flying

points for fixed installation, whilst for the two smaller models mounting brackets are optionally available that, in combination with DYNACORD's PI-Easy accessories, permit three levels of aiming. For easier transportation, optional wheel kits are available for the two 18" subwoofers.

The full-range cabinets are equipped with woofers from the SMX series and the DH3 (ND2 in the case of the C 25.2) high-frequency drivers from Electro-Voice that have proved themselves a thousand times. The modern crossover design provides filters of the fourth and sixth orders respectively as well as dynamic HF protective circuits. In the subwoofers, loudspeakers from the EVS series, also from Electro-Voice, are used. The Sub 1.15 and Sub 1.18 can, thanks to their integrated low-pass filters, be operated parallel to MF / HF cabinets if desired.



#### C 12.2

■ The C 12.2 is a compact, trapezoidal 12" / two-way full-range cabinet offering very high power handling (500W continuous / 2000W peak) and sensitivity of 97 dB 1W / 1m.

The low frequencies are reproduced by an SMX 2120 woofer, whilst in the high frequency range, a DH3 compression driver in a 90° x 50° constant directivity horn handles everything above 1650 Hz. Flying points for eyebolts allow the cabinets to be flown vertically or horizontally. Available as an option is the DC-MBC12-UMH mounting bracket, which is compatible with the DYNACORD PI-Easy mounting system and supports up to three levels of orientation. To extend the low bass performance, a Sub 1.15 subwoofer connected in parallel is recommended. This combination is also ideal for an active two-way system together with the DSP 260 or DSP 600 controllers and power amplifiers from the SL series.



#### C 15.2

■ In the C 15.2, DYNACORD is offering an extremely compact, trapezoidal 15" / two-way full-range cabinet boasting very good power handling (500W continuous / 2000W peak) and sensitivity of 100 dB 1W / 1m for applications requiring an extended low end.

Here, an SMX 2151 woofer is used, whilst in the high frequency range, a DH3 compression driver in a 90° x 50° constant directivity horn reproduced everything above 1550 Hz. Flying points for eyebolts are provided to permit either vertical or horizontal suspension. Also available as an option is the DC-MBC15-UMH mounting bracket, which is compatible with the DYNACORD PI-Easy mounting system and supports up to three levels of orientation. To extend the low bass performance, a Sub 1.18 subwoofer connected in parallel is recommended. This combination is also ideal for an active two-way system together with the DSP 260 or DSP 600 controllers and power amplifiers from the SL series.



#### C 25.2

■ If very high sound pressure levels are required from a compact format, the trapezoidal C 25.2 double 15" / two-way full-range cabinet is the ideal choice, with its very high power handling (1000W continuous / 4000W peak) and sensitivity of 103 dB 1W / 1m.

Boasting a maximum SPL of 139 dB, it is capable—even in full-range operation—of providing coverage for larger rooms and events. In the low frequency range, two SMX 2151 woofers are used, whilst in the high frequency range, an ND2-8 neodymium compression driver in a rotatable 60° x 40° constant directivity horn covers the frequencies above 1750 Hz. The crossover is implemented using a sixth order filter with a very steep roll-off. Flying points for eyebolts allow the cabinet to be suspended either vertically or horizontally. As the ideal companion for a very powerful active two-way system, the double 18" subwoofer Sub 2.18 is recommended together with the DSP 260 or DSP 600 controllers and power amplifiers from the SL or LX series. Suitable presets for both controllers are available, as well as a FIR-TUNE preset for the DSP 600.







#### Sub 1.15 / Sub 1.18

■ The two subwoofers Sub 1.15 (1 x 15" EVS-15S woofer) and Sub 1.18 (1 x 18" EVS-18S woofer) are the ideal compact bass extensions for the Corus C 12.2 and C 15.2 full-range cabinets.

Thanks to their integrated low-pass filters, they can, if desired, be operated simply in parallel in Single Amp mode. Also recommended, naturally, is the combination with the controllers DSP 260 or DSP 600 and power amplifiers from the SL or LX series for the creation of active two-way systems.

The Sub 1.18 is prepared for the optionally available DC-WK-C18 wheel kit.

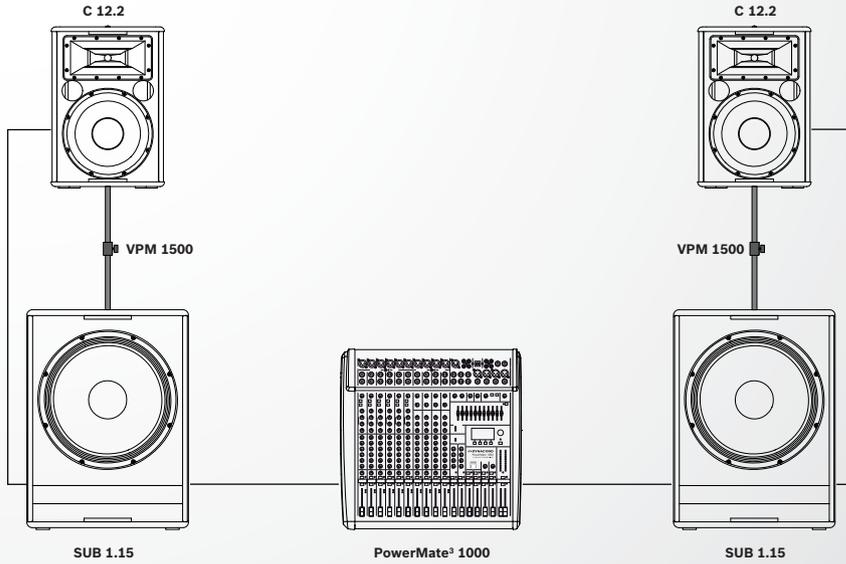
#### Sub 2.18

■ The Sub 2.18 is a double 18", high-powered subwoofer for very high sound pressure levels: sensitivity 102 dB 1W / 1m, SPLmax 138 dB. Boasting power handling of 1000W continuous and 4000W peak, the Sub 2.18 can be used universally for active two-way or three-way systems.

It is above all, however, the ideal companion to the C 25.2 for the creation of an active two-way system together with the DSP 260 and DSP 600 controllers and power amplifiers from the SL or LX series. Suitable presets are available for both controllers as well as a FIR-TUNE preset for the DSP 600. The Sub 2.18 is prepared for the optionally available DC-WK-C18 wheel kit.

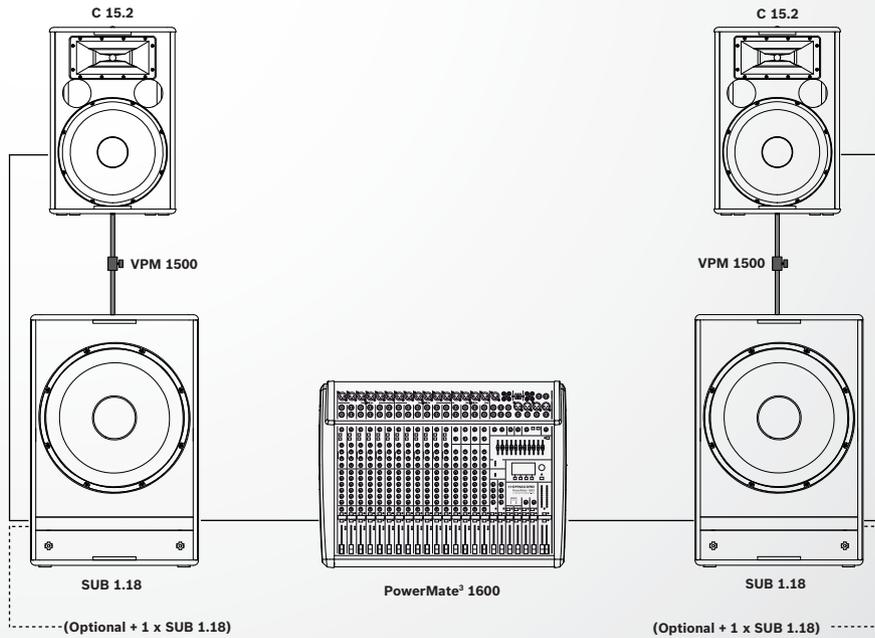
# Application Guide

## Corus Evolution CLUB, BAR, BISTRO, LIVE



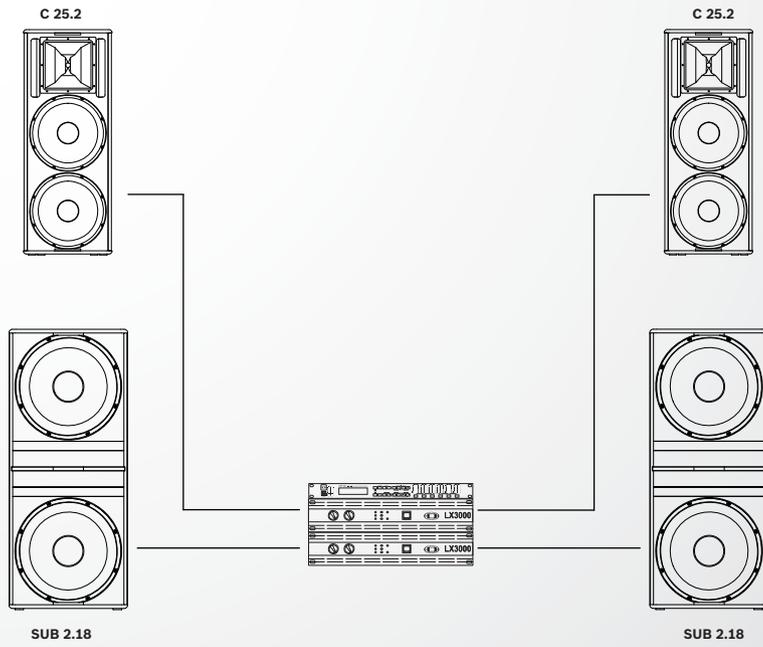
Configuration	Passive
<b>Cabinet Types</b>	2 x C 12.2, 2 x Sub 1.15
<b>Amplifiers</b>	PowerMate <sup>3</sup> 1000
<b>Accessories</b>	2 x VPM 1500
<b>Total Amp Power</b>	2 x 500 W Top, 1000 W Sub
<b>Options</b>	2 x Sub 1.15 or C 12.2

## Corus Evolution CLUB, BAR, BISTRO, LIVE



Configuration	Passive
<b>Cabinet Types</b>	2 x C 15.2, 2 x Sub 1.18
<b>Amplifiers</b>	PowerMate <sup>3</sup> 1600
<b>Accessories</b>	2 x VPM 1500
<b>Options</b>	2 x Sub 1.18

**Corus Evolution** LIVE, MOBILE DJ, DISCO



Configuration	Active 2-Way
<b>Cabinet Types</b>	2 x C25.2, 2 x SUB 2.18
<b>Amplifiers</b>	2 x LX3000 or SL 2400
<b>Controllers</b>	1 x DSP600 or DSP 260

# Technical Specifications

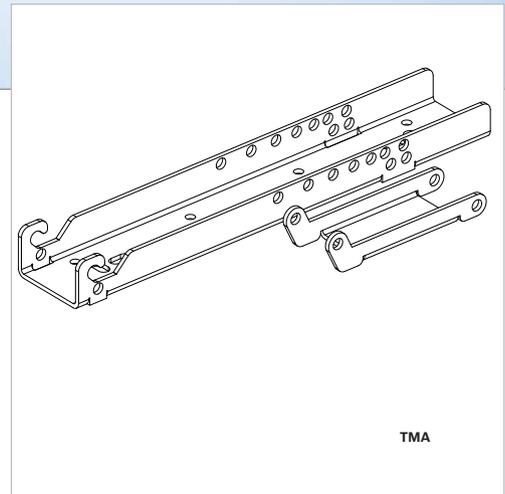
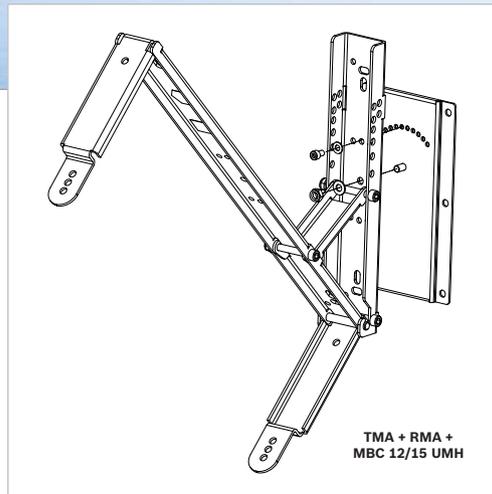
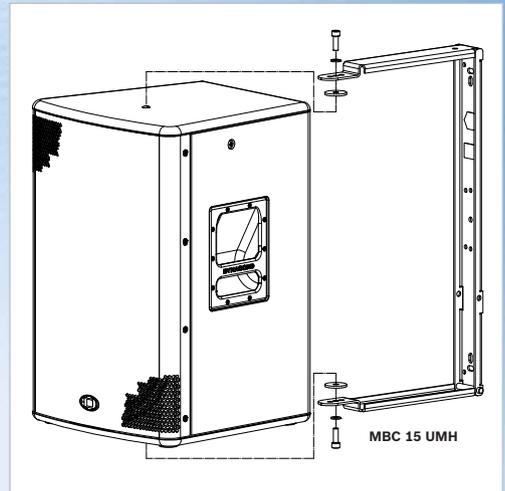
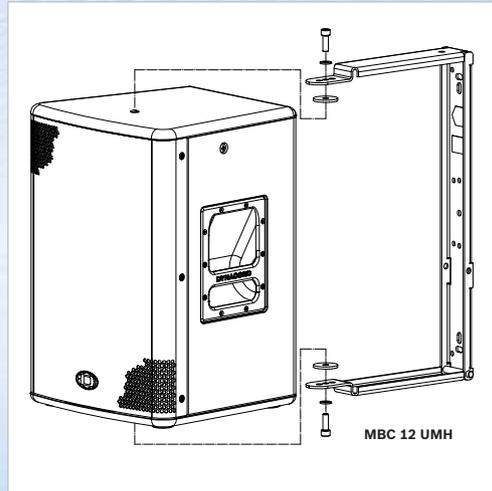
## Corus Evolution Serie (TOP)

Type / Name	C 12.2	C 15.2	C 25.2			
<b>Cabinet</b>	Fullrange	Fullrange	Fullrange			
<b>Configuration</b>	Passive 2-Way	Passive 2-Way	Passive 2-Way			
<b>Components</b>	12" / 1"	15" / 1"	2 x 15" / 1"			
<b>Impedance</b>	8 Ohms	8 Ohms	4 Ohms			
<b>Rated Power RMS</b>	500 W	500 W	1000 W			
<b>Peak Power</b>	2000 W	2000 W	4000 W			
<b>SPL 1 W / 1 m</b>	97 dB	100 dB	103 dB			
<b>Max. SPL 1 m / calc.</b>	130 dB	133 dB	139 dB			
<b>Freq. Range</b>	60 Hz - 20 kHz	57 Hz - 20 kHz	55 Hz - 15 kHz			
<b>Coverage (H x V)</b>	90° x 50°	90° x 50°	60° x 40°			
<b>Dimensions (W x H x D) mm</b>	387 x 550 x 374	445 x 660 x 445	445 x 1130 x 445			
<b>Net. Weight</b>	20.7 kg	28.3 kg	44.9 kg			

## Corus Evolution Serie (SUB)

Type / Name	Sub 1.15	Sub 1.18	Sub 2.18			
<b>Cabinet</b>	Subwoofer	Subwoofer	Subwoofer			
<b>Configuration</b>	Vented - Direct Radiator	Vented - Direct Radiator	Vented - Direct Radiator			
<b>Components</b>	1 x 15"	1 x 18"	2 x 18"			
<b>Impedance</b>	8 Ohms	8 Ohms	4 Ohms			
<b>Rated Power RMS</b>	500 W	500 W	1000 W			
<b>Peak Power</b>	2000 W	2000 W	4000 W			
<b>SPL 1 W / 1 m</b>	93 dB	97 dB	102 dB			
<b>Max. SPL 1 m / calc.</b>	125 dB	130 dB	138 dB			
<b>Freq. Range</b>	40 Hz - 260 Hz	38 Hz - 250 Hz	35 Hz - 250 Hz			
<b>Coverage (H x V)</b>	---	---	---			
<b>Dimensions (W x H x D) mm</b>	445 x 605 x 550	508 x 763 x 595	513 x 1200 x 710			
<b>Net. Weight</b>	28.5 kg	38.7 kg	66.3 kg			

# Accessories



## AMERICAS

### HEADQUARTERS AMERICAS

Bosch Security Systems, Inc.

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Canada-Tel: 1 866 505 5551

Fax: 1 866 336 8467

Latin America-Tel: 1 952 887 5532

Fax: 1 952 736 4212

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