

Nova

# CX6WP

IP65 OUTDOOR COAXIAL SPEAKER 6"



The CX6WP is a high-grade, coaxial hornloaded 2-way fullrange speaker for professional installation and mobile use. It convinces with its weatherproofed cabinet housing (IP65), wide dispersion, maximum dynamics and excellent, natural sound quality. The coaxial technology allows for a compact design and constant tonal balance over distance, giving the CX6WP smooth coverage for off-axis audiences. The wide radiating high-frequency driver provides a natural sound up to very high frequencies. The integrated passive crossover ensures a well-balanced sound character. The high-frequency section is a high-precision directivity horn which is loaded to a NOVA 1" IT© high precision compression driver with a 1.75" voice coil. The low-frequency transducer is a 6" high-power woofer with a 2" voice coil. The CX6WP was developed for high power applications with very high output at long throw applications. The cabinet is coated with NOVA Polyurea coating which ensures for a long lasting permanent installation and makes the CX6WP fully UV protected. The cabinet is equipped with a U-bracket for single use which is included in the delivery as standard. The speaker front is protected by a stable, long lasting front grill with and water repellent woven fabric backing (open-cell fibres). The CX6WP meets the requirements of IP65 code (International Protection Rating).



## KEY FEATURES

**Weatherproof cabinet IP 65 (international protection rating)**

**NOVA POLYUREA coating for long lasting permanent installation**

**Galvanized and anodized steel front grill / robust steel U-bracket**

**One NOVA 6" high-performance LF transducer with 2" voice coil**

**One NOVA high-precision 1." IT© driver with 1.75" voice coil**

**90° x 90° dispersion (HxV)**

**20° enclosure sides for array configurations**

**NOVA SUPRA-PTC compression driver protection**

**U-bracket for single use included in delivery**

**Optional array adapter (0°, 5°, 10° and 15°) for cluster application**

**300 W (AES) high speaker power capability**

## MORE SPECIFICATIONS

<b>System</b>	Two-way, coaxial hornloaded speaker
<b>Frequency Range (-10 dB)</b>	75 Hz - 20 kHz
<b>Frequency Response (<math>\pm 3</math> dB)</b>	90 Hz - 18 kHz
<b>Coverage Pattern</b>	90° x 90° nominal
<b>HF Horn</b>	Aluminium
<b>Crossover Modes</b>	Passive
<b>Crossover Frequency</b>	1.8 kHz
<b>Power Rating(AES/Peak)</b>	300 W / 600 W
<b>Maximum SPL</b>	123 dB SPL peak
<b>System Sensitivity (1w/1m)</b>	96 dB SPL
<b>LF Driver</b>	1 x NOVA CX6WP/300, 2" voice coil woofer
<b>LF Nominal Impedance</b>	8 ohms (passive)
<b>HF Driver</b>	1 x NOVA CX6WPH/300, 1.75" voice coil driver
<b>HF Nominal Impedance</b>	8 ohms (passive)
<b>Enclosure</b>	12 mm, plywood (multi layer) + Polyurea coating
<b>Suspension / Mounting</b>	2 x M10 mounting points, 5 x M6 mounting points
<b>Finish</b>	Black Polyurea
<b>Grille</b>	Galvanized and anodized, black, perforated steel with water repellent woven fabric backing (open-cell fibres)
<b>Input Connectors</b>	2 x Neutrik® Speakon®NL4 1+/1- (2+/2- linked from input to output)
<b>Dimensions(W x H x D)</b>	200 mm x 200 mm x 220 mm
<b>Net Weight</b>	7 kg
<b>Accessories</b>	U-bracket, included in delivery as standard. Optionals: PG1 Professional L-Grip, CXA Array Adapter