



Excellence

Joker

FEBRUARY 2013



Advanced sound systems since 1972

POWER AMPLIFIERS

HD Series

High dynamic Class H amplifiers. Linear power supply. High reliability, ideal installation. 2 U 19" rack. Soft Start. Balanced XLR inputs. Speakon and binding post outputs. Clip-Limiter. Bridge mode/Parallel switch. 2 Ω stable. Forced cooling. Protections: DC, Short Circuit, Temperature, Breaker.



HD 800	2x 550 W/2 Ω - 2x 400 W/4 Ω - 2x 230 W/8 Ω - 800 W/8 Ω Bridge	14 kg	€ 950
HD 1200	2x 850 W/2 Ω - 2x 600 W/4 Ω - 2x 350 W/8 Ω - 1200 W/8 Ω Bridge	15 kg	€ 1080
HD 2000	2x 1500 W/2 Ω - 2x 1000 W/4 Ω - 2x 600 W/8 Ω - 2000 W/8 Ω Bridge	18 kg	€ 1285
HD 3200	2x 2500 W/2 Ω - 2x 1750 W/4 Ω - 2x 1000 W/8 Ω - 3500 W/8 Ω Bridge	21 kg	€ 1500

SM Series

Class H amplifiers. Switch mode power supply. Optimized weight to power ratio, ideal for touring. 2 U 19" rack. Soft Start. Balanced XLR inputs. Speakon and binding post outputs. Clip-Limiter. Bridge mode/Parallel switch. 2 Ω stable. Forced cooling. Protections: DC, Short Circuit, Temperature.



SM 1000	2x 600 W/2 Ω - 2x 500 W/4 Ω - 2x 300 W/8 Ω - 1000 W/8 Ω Bridge	8 kg	€ 635
SM 2000	2x 1350 W/2 Ω - 2x 1050 W/4 Ω - 2x 650 W/8 Ω - 2100 W/8 Ω Bridge	9 kg	€ 985
SM 3000	2x 2300 W/2 Ω - 2x 1400 W/4 Ω - 2x 850 W/8 Ω - 2800 W/8 Ω Bridge	12 kg	€ 1245
SM 4000	2x 3000 W/2 Ω - 2x 2000 W/4 Ω - 2x 1200 W/8 Ω - 4000 W/8 Ω Bridge	13 kg	€ 1485

SD Series

Light, compact and powerful Class D Professional Amplifier

Switching Power Supply with PFC (power factor correction).

Class D amplification synchronized with power supply.

Clip limiter, effective short circuit and thermal protection.



		Unit
SD1000 NEW	300 + 300 W @ 8 Ohm / 560 + 560 W @ 4 Ohm / 1120 W @ 8 Ohm (bridge) – Weight: 3.2 kg	€ 525
SD2000 NEW	500 + 500 W @ 8 Ohm / 900 + 900 W @ 4 Ohm / 1800 W @ 8 Ohm (bridge) – Weight: 3.2 kg	€ 640
SD3000 NEW	800 + 800 W @ 8 Ohm / 1500 + 1500 W @ 4 Ohm / 3000 W @ 8 Ohm (bridge) – Weight: 3.6 kg	€ 900

POWER AMPLIFIERS

TP2400

Triphonic 2.1 amplifier system

The stereo signal input is processed to obtain three channels:
Two for mid-high and one more powerful for the subwoofer.
Easy access to Active Signal.
Processing with 3 channel parametric crossover, phase and bass-boost switch removing the two screw on front panel.
Soft-Start. Forced cooling.
The best option for installations (100/300 m² - up to 300 people).
Three amplified channels. Signal processing. Limiter on each channel.



Front panel removed (adjustment controls)



Front panel (user model)

ALL IN ONE !
The simplicity of TP2400 allows you to obtain all quality and performance of our processed systems.



TP2400 2x 500 W / 4 Ω + 1x 1400 W / 4 Ω - 2 U Rack - 21 kg

€ 1650

PA Series

Amplifiers for 50/70/100V line, without output transformer for hi-fi sound.

Modular. Two independent channels. Soft Start. Balanced XLR inputs. Binding post outputs. Clip-Limiter and overload led's. Forced cooling. Protections: DC, Short Circuit, Temperature, Breaker.
The best solution for "Hi-fi" applications combined with **B & CS Series**.



PA-300TL 2x 150 W minimum impedance load 64 Ω - 2 U 19" - 10 kg

€ 1235

PA-600TL 2x 300 W minimum impedance load 32 Ω - 2 U 19" - 14 kg

€ 1350

DJ Mixer

Professional Stereo Disco Mixer with selectable inputs (Mic-Line-Phono). Gain, Hi-Mid-Low EQ. PFL/VU led display on each Channel. Assignable crossfader to 4 channels. Five outputs: Master (Bal) Mon, Aux, Rec & Phones. Talk-over. 50mm double-rail faders.



MX-843

€ 315

SIGNAL PROCESSING

DSP

Digital loudspeaker management systems

Fully configurable by its front panel keypad/ LCD screen or by PC (Windows / MacOs).
 For each input/output: 10 parametrical EQ, 2 seconds delay, limiter, crossover and polarity control. 64-bits architecture.



DSP206 **NEW** 2-in, 6-out, DSP with USB interface
 24-bit, 48 kHz. 110 dB Dynamic Range

Unit
 € 720



DSP608 **NEW** 4 analog+2 digital-in, 8-out. **High performance DSP** with USB
 & Ethernet interface. 24-bit, 96 kHz. 118 dB Dynamic Range

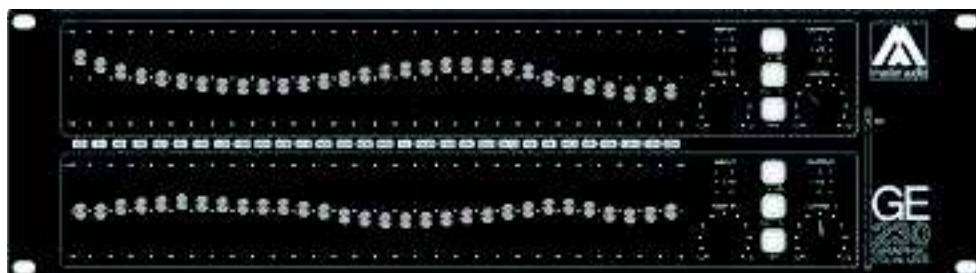
Unit
 € 1125

GE Series



GE215 LOW NOISE 2 x 15 Bands Stereo Graphic Equalizer. Constant Q.
 Balanced XLR inputs and outputs. 6/12 dB Range. HPF

Unit
 € 380



GE230 LOW NOISE 2 x 30 Bands Stereo Graphic Equalizer. Constant Q.
 Balanced XLR inputs and outputs. 6/12 dB Range. HPF.
 Adjustable output limiter on each channel.

Unit
 € 660

B Series

Compact design, discreet and easy to install.
Black and White colours.
High quality transducers for professional sound installations.



B-8	8" Carbon fiber Woofer – 1" Titanium dome tweeter – 100 W / 16 Ω – 91 dB / 1W/1m Dimensions: 415 x 270 x 250 mm – Weight: 6,1 kg	€ 190
B-6	6,5" Woofer – 1" Titanium dome tweeter 50 W / 16 Ω 90 dB / 1W/1m Dimensions: 310 x 205 x 185 mm – Weight: 4,1 kg	€ 140
B-6/T	6,5" Woofer – 1" Titanium dome tweeter 50 W / 16 Ω – 90 dB / 1W/1m 50/70/100 V line – 90 dB / 1W/1m – 310 x 205 x 185 mm – Weight: 4,5 kg Dimensions: 310 x 205 x 185 mm – Weight 4,6 kg	€ 150
B-5/T	5" Woofer. 1" Titanium dome tweeter 50 W / 16 Ω – 50/70/100 V line – 88 dB / 1W/1m Dimensions: 242 x 160 x 145 mm – Weight: 2,9 kg	€ 115
B-3/T	3" Woofer – Mylar tweeter – 16 Ω 10 W – 1,5/3/6 W/ 100 V line – 86 dB / 1W/1m Dimensions: 141 x 95 x 101 mm – Weight: 0,8 kg	€ 50

CS Series

Ceiling systems. Low impedance versions (16 Ω) and high impedance for 100v line.
High quality transducers for professional sound installations.



CS-6/T	6" Woofer, 10 W / 16 Ω 5 W / 10 W – 100 V line 78 Hz - 19 kHz – 92 dB/ 1W/1m External diameter: 228 mm – Weight: 0,9 kg	€ 35
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CS-6FR	2 way 6" Polypropylene cone and butyl rubber surround 1" Titanium tweeter – 12 dB/Oct – Passive filter 60 W Musical Program 16 Ω 60 Hz - 20 kHz – 90 dB/ 1W/1m External diameter: 228 mm – Weight: 1,5 kg	€ 55
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TF-100	100 V Transformer suitable for CS-6FR (2/5/10/20 W)	€ 23
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CS-6MC/T	2 way 6" Polypropylene cone with butyl rubber surround 1" Titanium tweeter – 12 dB/Oct – Passive filter 60 W Musical Program 16 Ω 75 Hz - 20 kHz – 89 dB/ 1W/1m External diameter: 251 mm – Weight: 2,4 kg	€ 95
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Joker



JOKER Series



JK26 / JK26A



JK10 / JK10A



JK12 / JK12A



JK15 / JK15A

ACTIVE

JK26A 2 x 6" Neodymium woofers. 200 W amplifier
1" titanium diaphragm neodymium tweeter 30 W amplifier
532 x 250 x 260 mm – 9,5 kg € 1175

JK10A 10" Neodymium Woofer. 600 W amplifier
1,4" PETP film diaphragm driver. 100 W amplifier
539 x 365 x 340 mm – 14,6 kg € 1475

JK12A 12" Woofer. 600 W amplifier
1,75" PETP film neodymium driver. 100 W amplifier
609 x 410 x 405 mm – 22,7 kg € 1665

JK15A 15" Woofer. 600W amplifier
1,75" PETP film neodymium driver. 100 W amplifier
689 x 460 x 450 mm – 27,2 kg € 1850

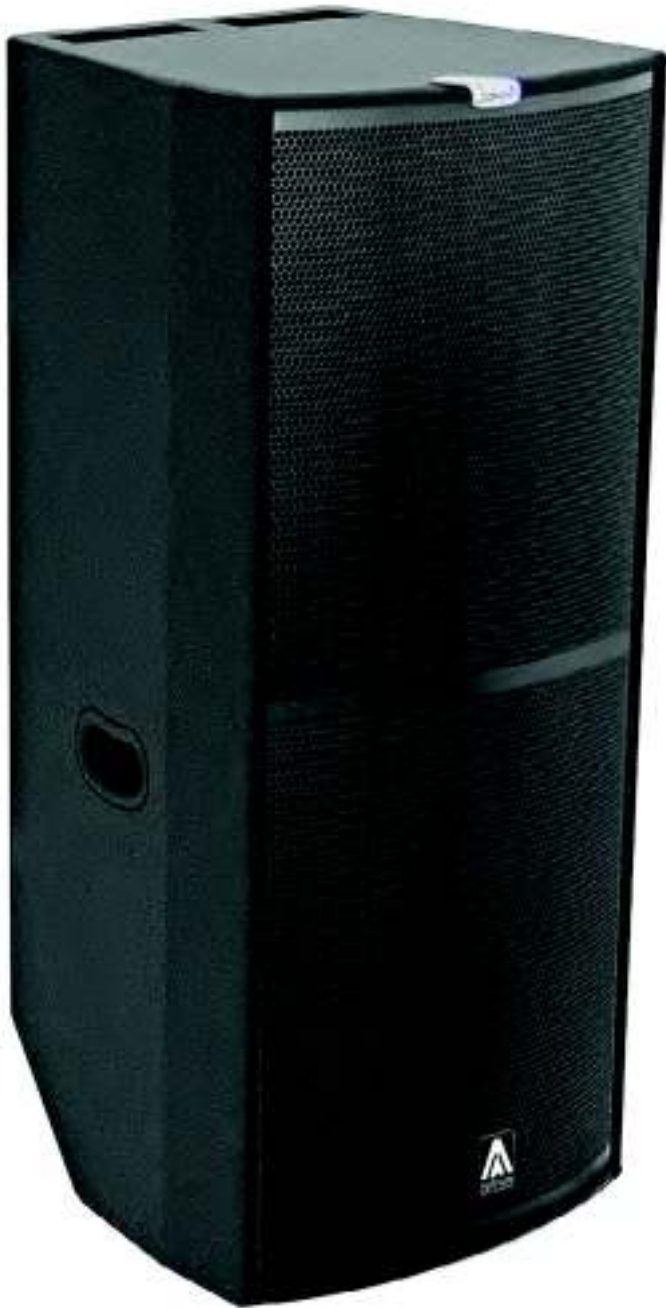
PASSIVE

JK26 2 x 6" Neodymium woofers
1" titanium diaphragm neodymium tweeter
400 W – 8,7 kg – **Available in 8 Ω or 16 Ω** € 525

JK10 10" Woofer, 1,4" PETP film diaphragm driver
500 W / 8 Ω – 16,3 kg € 635

JK12 12" Woofer, 1,75" PETP film neodymium driver
700 W / 8 Ω – 21,7 kg € 910

JK15 15" Woofer, 1,75" PETP film neodymium driver
800 W / 8 Ω – 26,2 kg € 1040



THREE WAY SYSTEM

NEW

JK318A

€ 4040

18" Woofer / 4" long excursion voice coil. 2400 W amplifier
12" Woofer / 1,75" PETP film neodymium driver. 600 W amplifier
1240 x 534 x 524 mm – 67 kg

* Available May 2013

LOW PROFILE STAGE MONITOR

NEW

JK12MA

12" Coaxial woofer. 600 W amplifier
3" Titanium diaphragm driver. 100 W amplifier
374 x 600 x 565 mm – 24,4 kg

€ 2045



SUBWOOFERS



JK15WA / JK15W



JK18WA1 / JK18WA2
JK18W1 / JK18W2

ACTIVE

JK15WA 15" Woofer / 3" long excursion voice coil
1000 W amplifier – 475 x 630 x 630 mm – 36,9 kg € 1785

JK18WA1 18" Woofer / 4" long excursion voice coil
1000 W amplifier – 552 x 740 x 710 mm – 50,3 kg € 2255

JK18WA2 18" Woofer / 4" long excursion voice coil
2000 W amplifier. 552 x 740 x 710 mm – 51,9 kg € 3085

JK15W 15" Woofer / 3" long excursion voice coil
800 W / 8 Ω – 75 x 630 x 630 mm – 35,5 kg € 895

JK18W1 18" Woofer / 4" long excursion voice coil
1000 W / 8 Ω – 552 x 740 x 710 mm – 48,9 kg € 1265

JK18W2 18" Woofer / 4" long excursion voice coil
2000 W / 8 Ω – 552 x 740 x 710 mm – 47,8 kg € 1475

PASSIVE



JK218W2 2 x 18" Woofer / 4" long excursion voice coil
2000 W / 4 Ω € 1935

JK218W4 2 x 18" Woofer / 4" long excursion voice coil
4000 W / 4 Ω € 2299

ACCESSORIES

Flight Case



FC-JK26	for JK26 / JK26A (4 units)	€ 490
FC-JK10	for JK10 / JK10A (2 units)	€ 430
FC-JK12	for JK12 / JK12A (2 units)	€ 480
FC-JK15	for JK15 / JK15A (2 units)	€ 625
FC-JK12MA	for JK12MA (2 units)	€ 565
FC-JK15W	for JK15W / JK15WA (2 units)	€ 550
FC-JK18W	for JK18W / JK18WA (1 unit)	€ 535

Nylon protective cover



NC-JK26	for JK26 / JK26A	€ 60
NC-JK10	for JK10 / JK10A	€ 65
NC-JK12	for JK12 / JK12A	€ 80
NC-JK15	for JK15 / JK15A	€ 85
NC-JK318A	for JK318A	€ 110
NC-JK15W	for JK15W / JK15WA	€ 95
NC-JK18W	for JK18W / JK18WA	€ 110
NC-JK218W	for JK218W2 / JK218W4	€ 140

Flying bar



HR-26	for JK26 / JK26A	€ 85
HR-10	for JK10 / JK10A	€ 100
HR-1215	for JK12 / JK12A / JK15 / JK15A	€ 105



“U” bracket

SP-26 for JK26 / JK26A

€ 55

SP-10 for JK10 / JK10A

€ 85

SP-12 for JK12 / JK12A

€ 90

SP-15 for JK15 / JK15A

€ 115



Adjustable wall stand

SP-35 for JK26 / JK26A / JK10 / JK10A / JK12 / JK12A / JK15 / JK15A

€ 40



M8 eyebolt rigging

ACR-M8 for JK26 / JK26A / JK10 / JK10A / JK12 / JK12A / JK15 / JK15A

€ 8

Excellence



POINT SOURCE



*X*12CE € 4010

12" COAXIAL ACTIVE SPEAKER SYSTEM
BI-AMPLIFIED 800 + 200 W, 48 bit - 96 kHz DSP

Small format but big, professional sound! There is no better combination of performance, power, weight and size. Weighing only 22.3 kg, X12CE is the most versatile and dynamic system on the market. X12CE can handle the most demanding stage monitor and PA applications with huge capability.

Coaxial 12" neodymium woofer (3" voice coil)
3" Titanium diaphragm neodymium driver
Directivity: 80° Conical

Ethernet connectivity

Frequency Response: 48 Hz - 20 kHz
Maximum SPL: 127 dB
Dimensions (HxWxD): 560 x 410 x 430 mm
Weight: 22,3 kg



*X*15CE € 4215

15" COAXIAL ACTIVE SPEAKER SYSTEM
BI-AMPLIFIED 800 + 200 W, 48 bit - 96 kHz DSP

Just the beautiful sound and versatility of the X12CE, also in a compact format, but with deeper low end. From 44 Hz to 20 kHz, you will hear low frequencies tuned to perfection. A little more of low-end for a chunkier sound!

Coaxial 15" neodymium woofer (3" voice coil)
3" Titanium diaphragm neodymium driver
Directivity: 80° Conical

Ethernet connectivity

Frequency Response: 44 Hz - 20 kHz
Maximum SPL: 127 dB
Dimensions (HxWxD): 650 x 460 x 430 mm
Weight: 25,9 kg



DOUBLE FUNCTION
- Main system
- Stage monitor



DSP STUDIO® CONTROL SOFTWARE
iPad App version available



ETHERNET CONNECTION & FULL WIRELESS CONTROL

POINT SOURCE



X15LTE

€ 4295

15" TWO-WAY ACTIVE SPEAKER SYSTEM
BI-AMPLIFIED 1000 + 200 W, 48 bit - 96 kHz DSP
High performance for Mid/Long Throw applications
15" Neodymium woofer (4" voice coil)
3" Neodymium titanium diaphragm driver
Customized 60° x 50° rotatable constant directivity horn
Ethernet connectivity
Frequency Response: 42 Hz - 19 kHz
Maximum SPL: 131 dB
Dimensions (HxWxD): 750 x 470 x 500 mm
Weight: 37,9 kg

Ultimate performance from a traditional two-way system. X15LTE combines a 15-inch woofer with a neodymium driver mounted on a proprietary horn design. It achieves long throw and high power levels, with a quality normally found in larger systems.

X15LTP

€ 2220

15" TWO-WAY PASSIVE SPEAKER SYSTEM
2000 W Musical program
High performance for Mid/Long Throw applications
15" Neodymium woofer (4" voice coil)
3" Neodymium titanium diaphragm driver
Customized 60° x 50° rotatable constant directivity horn
Nominal impedance: 4 Ω
Frequency Response: 42 Hz - 19 kHz
Maximum SPL: 132 dB
Dimensions (HxWxD): 750 x 470 x 500 mm
Weight: 34,9 kg



SUBWOOFERS



X18WE

€ 4330

18" ACTIVE SUBWOOFER, 2400 W, 48 bit - 96 kHz DSP

Versatility in a compact size: the X18WE was developed the very best bass experience with the smallest possible footprint. This is the best option to be flown with the X208 line array. It also marries perfectly with the Xcellence Point Source systems for bass reinforcement on or above ground.

18" Long excursion woofer, 4" voice coil

Ethernet connectivity

Frequency response: 32 Hz - 140 kHz

Maximum SPL: 133 dB

Dimensions (HxWxD): 540 x 664 x 700 mm

Weight: 46,2 kg (without KR-18WE) / 49,2 kg (with KR-18WE)

Cardioid preset included

All models have an easy cardioid configuration with dedicated preset.

FLYING HARDWARE

KR-18WE

for x18WE with X208

€ 400



ETHERNET CONNECTION & FULL WIRELESS CONTROL



DSP STUDIO® CONTROL SOFTWARE
iPad App version available

SUBWOOFERS

X215W

€ 6315



2x15" ACTIVE SUBWOOFER, 2400 W, 48 bit - 96 kHz DSP

Stunning characteristics, both inside and out. The X215W's exclusive Band Pass design provides a surprisingly powerful low-frequency response, balanced perfectly against its size. With two 15-inch woofers, is the best bass reinforcement to be flown with X210. Simply unbeatable!

2 x 15" Long excursion Neodymium woofers with 4" voice coil and rubber surround.

Ethernet connectivity

Frequency Response: 32 - 120 Hz

Maximum SPL: 135 dB

Dimensions (HxWxD): 600 x 764 x 859 mm

Weight: 79 kg

Cardiod preset included



X218W

€ 6615

2x18" ACTIVE SUBWOOFER, 2400 W, 48 bit - 96 kHz DSP

The beauty and the beast! The combination of two 18-inch woofers with 4-inch long excursion voice coil in a highly reinforced cabinet, with 2400 W amplification, DSP and an ergonomic design, makes the X218W one of the most advanced, powerful and maneuverable subwoofers on the market.

2 x 18" Long excursion Neodymium woofers with 4" voice coil.

Ethernet connectivity

Frequency Response: 30 - 100 Hz

Maximum SPL: 137 dB

Dimensions (HxWxD): 1046 x 764 x 780 mm

Weight: 98 kg

Cardiod preset included



ETHERNET CONNECTION & FULL WIRELESS CONTROL



DSP STUDIO® CONTROL SOFTWARE
iPad App version available

LINE ARRAY

X208A

€ 5395

2x8" ACTIVE SYSTEM, BI-AMPLIFIED, 48 bit - 96 kHz DSP

2400 W Low, 600W Mid/High

Ethernet connectivity

Speakon output to drive up to 3 units X208P.

Directivity: 100° x 11°

2 x 8" Neodymium Woofers (2,5" voice coil)

2 x 1,7" PEN diaphragm neodymium drivers

Frequency response: 78 Hz - 18 kHz

Maximum SPL: 130 dB (one unit)

Dimensions (HxWxD): 250 x 684 x 522 mm

Weight: 25 kg

X208P

€ 2595

PASSIVE UNIT

Same acoustic features as X208A.

Weight: 22 kg

X208

Style and performance come together in the X208. Exclusive, customised waveguide projects sound with consistency at great distance, allowing you to handle nearly any application.

Master Audio technology in X208 delivers ease of use a unique sound quality in a compact size. This innovation you can hear!



rear view of 4 units set
(1x X210A + 3x X208P)

LINE ARRAY



X210

*There is no way to make the X210 any better.
Breakthrough technologies, cutting-edge acoustic design,
the highest quality, precision-engineered, customised
components and materials – X210 is the flagship of the
Xcellence series and the epitome of audio perfection.
What are you waiting for?...*



X210A

€ 6295

2x10" ACTIVE SYSTEM, BI-AMPLIFIED, 48 bit - 96 kHz DSP
2400W Low, 600W Mid/High.
Speakon output to drive one X210P
Ethernet connectivity
Directivity: 120° x 7°
2x 10" Neodymium woofers (2.5" voice coil)
3x 1.7" PEN diaphragm neodymium drivers
Frequency response: 70 Hz - 18 kHz.
Maximum SPL: 134 dB (one unit)
Dimensions (HxWxD): 314 x 764 x 574 mm
Weight: 37 kg

X210P

€ 3665

PASSIVE UNIT
Same acoustic features as X210A.
Weight: 33kg

rear view of 2 units set

ACCESSORIES



WIRELESS COMMUNICATION KIT

CWK-D for all cabinets

€ 775



FLIGHT CASE



FC-X12CE for 2 units X12CE

€ 550

FC-X15CE for 2 units X15CE

€ 565

FC-X15LTE for 2 units X15LTE - X15LTP

€ 625

FC-X18WE for 1 unit X18WE

€ 565

FC-X208 for 4 units X208

€ 1040

FC-X210 for 4 units X210

€ 1155

FC-X215 for 2 units X215W

€ 1085

NYLON PROTECTIVE COVER



NC-X12CE for X12CE

€ 75

NC-X15CE for X15CE

€ 85

NC-X15LTE for X15LTE - X15LTP

€ 100

NC-X18WE for X18WE

€ 115

NC-X218W for X218W

€ 120

STACKING FRAME

FR-X208 for X208 - X218W

€ 430

FR-X218 for X210 - X218W

€ 450





TOURING BUMPER

TA-X208R for x208 - x18WE

€ 915

TA-X210R for x210 - x215W

€ 1150



FLYING HARDWARE

KR-18WE

€ 400

for x18WE



FLYING BAR

HR-1215 for x15LTE - x15LTP

€ 100

FRAME ADAPTOR



FA-X208/215

€ 455

for x208 - x215W

FA-X208/210

€ 425

for x208 - x210





STACKING KIT

ST-X215

for X210 - X215W

€ 280



“U” BRACKET

UB-X12

for X12CE

€ 285

UB-X15

for X15CE

€ 315



M10 EYEBOLT RIGGING

ACR-M10 for X12CE / X15CE / X15LTE / X15LTP

Stainless Steel

€ 9



Advanced sound systems since 1972

www.master-audio.com

