Loud Professional™

GENERAL CATALOGUE 2026


Loud Professional™
Sound never ends



TABLE OF CONTENTS

Formula Series
Formula F205 >> 04
Formula F210 >> 05
Formula F212 >> 06
Formula F1512 >> 07
Formula F215 >> 08
Formula F221 >> 09

Layer Series
Layer112 >> 10
LayerEMD >> 11
Layer112H+EMD >> 12

Full Range Series
F15EV >> 13
F12H >> 14
F12 >> 15

Point Series
P8i >> 16
P10i >> 17
P12i >> 18
P15i (coming soon)

Monitor Series
SM12H >> 19
SM15 >> 20

Subwoofer Series
118R >> 21
118R Touring (available soon)
215R >> 22
215R Touring (available soon)
218R >> 23
218R Touring (available soon)
121H >> 24

Smart Series
Smart1.0 >> 25
Smart1.2 >> 26
Smart1.5 >> 27
Smart Sub1.8H >> 28
Smart Sub2.5H >> 29
Smart Sub2.8H >> 30

Gamma Series
Gamma5 >> 31
Gamma6 >> 32
Gamma8 >> 33
Gamma10 >> 34
Gamma12 >> 35
GammaS8 >> 36
GammaS115 >> 37
GammaS118 (available soon)
GammaS218 (available soon)

Micro Series
Micro Full Range >> 38
Micro Sub112DR >> 39

Nucleo Series
Nucleo >> 40
NucleoS >> 41
NucleoS - P >> 41

Quadra Series
Quadra2 >> 42
Quadra4 >> 43
Quadra5 >> 44
Quadra6 >> 45
QuadraS - HP >> 46

MicrHome Series
MicrHome >> 47
MicrHome Mini >> 48
MicrHome Nano >> 49
MicrHome Sub >> 50

DJ Monitor Series
M 20 - 20 >> 51

AirStudio Series
AirFive (pair) >> 52

PoweRack Series
PoweRack V.1 >> 53
PoweRack V.1i >> 54

PRODUCT RANGES

Formula Series
Layer Series
Full-Range Series
Point Series
Monitor Series
Subwoofer Series
Smart Series
Gamma Series
Micro Series
Nucleo Series
Quadra Series
MicrHome Series
DJ Monitor Series
AirStudio Series
PoweRack Series

Loud Professional™

Formula F205

Four-way Line Array element



Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Technical Specifications F205

Frequency Range (+/-3dB)	80 Hz - 21 kHz (70 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL (LMF / MHF)	124 / 139 dB
Components LMF	2 x 5 in Neodymium cone driver
Components MHF	1 x 4 in Neodymium planar wave driver
Nominal Impedance (LMF / MHF)	16 Ω (Internal passive network)
Power Handling (LMF / MHF)	200 / 800 W
Rigging	Formula™ rigging system
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	174 / 06.85
Height Rear (mm / in)	247.5 / 9.74
Width Front (mm / in)	112 / 04.42
Width Rear (mm / in)	468 / 18.42
Depth (mm / in)	370 / 14.56
Weight (Kg / lb)	12.5 / 27.55
Supported Processing	Armonia Plus

Loud Professional™

Formula F210

Four-way Line Array element



Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Technical Specifications F210

Frequency Range (+/-3dB)	65 Hz - 21 kHz (55 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL (LF / MF / HF)	139 / 137 / 144 dB
Components LF	2 x 10 in Neodymium cone driver
Components MF	2 x 5 in Neodymium con driver
Components HF	2 x 4 in Neodymium planar wave driver
Nominal Impedance LF	2 x 8 Ω
Nominal Impedance MF	6 Ω
Nominal Impedance HF	5.3 Ω
Power Handling (AES / Peak) LF	2 x 600 / 2 x 2.400 W
Power Handling (AES / Peak) MF	160 / 640 W
Power Handling (AES / Peak) HF	240 / 960 W
Rigging	Formula™ rigging system
Connections	2 x SpeakON™ NL8
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	328 / 12.91
Height Rear (mm / in)	247.5 / 09.74
Width Front (mm / in)	92.4 / 36.37
Width Rear (mm / in)	92.4 / 36.37
Depth (mm / in)	466 / 18.34
Weight (Kg / lb)	42 / 92
Supported Processing	Armonia Plus (A+)

Loud Professional™

Formula F212

Four-way Line Array element



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications F212

Frequency Range (+/-3dB)	65 Hz - 21 kHz (50 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL (LF / MF / HF)	145 / 141/ 148 dB
Components LF	2 x 12 in Neodymium cone driver
Components MF	2 x 6.5 in Neodymium cone driver
Components HF	3 x 4 in Neodymium planar wave driver
Nominal Impedance LF	2 x 8 Ω
Nominal Impedance MF	8 Ω
Nominal Impedance HF	5.3 Ω
Power Handling (AES / Peak) LF	2 x 1.000 / 2 x 4.000 W
Power Handling (AES / Peak) MF	360 / 1.440 W
Power Handling (AES / Peak) HF	240 / 960 W
Rigging	Formula™ rigging system
Connections	2 x SpeakON™ NL8
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	450 / 17.71
Height Back (mm / in)	350 / 13.78
Width Front (mm / in)	1250 / 49.21
Width Back (mm / in)	1250 / 49.21
Depth (mm / in)	625 / 24.61
Weight (Kg / lb)	106 / 233.69
Supported Processing	Armonia Plus (A+)

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Formula F1512

Three-way Line Array element



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications F1512

Frequency Range (+/-3dB)	50 Hz - 21 kHz (40 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL (LF / MF / HF)	138 / 138 / 148 dB
Components LF	1 x 15 in Neodymium cone driver
Components MF	1 x 12 in Neodymium con driver
Components HF	3 x 4 in Neodymium planar wave driver
Nominal Impedance LF	8 Ω
Nominal Impedance MF	8 Ω
Nominal Impedance HF	5.3 Ω
Power Handling (AES / Peak) LF	1.500 / 3.000 W
Power Handling (AES / Peak) MF	650 / 2.600 W
Power Handling (AES / Peak) HF	240 / 960 W
Rigging	Formula™ rigging system
Connections	2 x SpeakON™ NL8 - 1 x SpeakON™ NL4 (Sub/Bass Out)
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	445 / 17.52
Height Rear (mm / in)	320 / 19.59
Width Front (mm / in)	900 / 36.43
Width Rear (mm / in)	900 / 36.43
Depth (mm / in)	750 / 29.52
Weight (Kg / lb)	70 / 154.3
Supported Processing	Armonia Plus (A+)

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Formula F215

Three-way Line Array element



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications F215

Frequency Range (+/-3dB)	50 Hz - 21 kHz (40 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL (LF / MF / HF)	145 / 141/ 148 dB
Components LF	2 x 15 in Ferrite cone driver
Components MF	2 x 6.5 in Neodymium cone driver
Components HF	3 x 4 in Neodymium planar wave driver
Nominal Impedance LF	2 x 8 Ω
Nominal Impedance MF	8 Ω
Nominal Impedance HF	5.3 Ω
Power Handling (AES / Peak) LF	2 x 1.500 / 2 x 6.000 W
Power Handling (AES / Peak) MF	360 / 1.440 W
Power Handling (AES / Peak) HF	240 / 960 W
Rigging	Formula™ rigging system
Connections	2 x SpeakON™ NL8
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	450 / 17.71
Height Rear (mm / in)	350 / 13.78
Width Front (mm / in)	1250 / 49.21
Width Rear (mm / in)	1250 / 49.21
Depth (mm / in)	625 / 24.61
Weight (Kg / lb)	106 / 233.69
Supported Processing	Armonia Plus (A+)

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Formula F221

Dedicated Infra-Bass enclosure



Technical Specifications F221

Frequency Range (+/-3dB)	25 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	148 dB
Components	2 x 21 in Ferrite cone driver
Nominal Impedance	8 Ω
Power Handling (AES / Peak)	3.000 / 12.000 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	620 / 24.40
Height Rear (mm / in)	620 / 24.40
Width Front (mm / in)	1250 / 49.21
Width Rear (mm / in)	1250 / 49.21
Depth (mm / in)	1018 / 40.07
Weight (Kg / lb)	
Supported Processing	Armonia Plus (A+)

Applications

>> Touring
>> Theater
>> Congress
>> Club

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Layer112H

Two-way Line Array element



Applications

>> Touring
>> Theater
>> Congress
>> Club

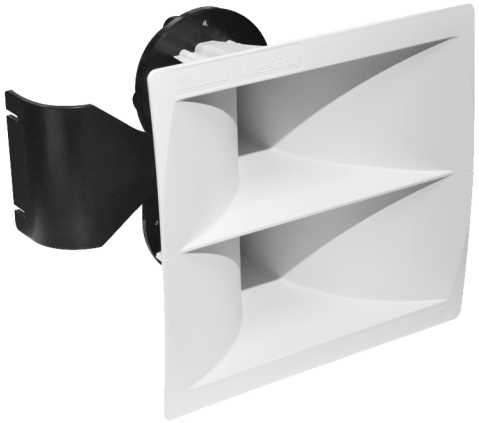
Technical Specifications Layer112H

Frequency Range (+/-3dB)	65 Hz - 21 kHz (55 Hz @ - 10 dB)
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL (LF / MF / HF)	138 / 141 / 148 dB
Components LF	1 x 12 in Neodymium cone driver
Components MF	2 x 6.5 in Neodymium cone driver (optional)
Components HF	3 x 4 in Neodymium planar wave driver
Nominal Impedance LF	8 Ω
Nominal Impedance MF	8 Ω (optional)
Nominal Impedance HF	5.3 Ω
Power Handling (AES / Peak) LF	650 / 2.600 W
Power Handling (AES / Peak) MF	360 / 1.440 W (optional)
Power Handling (AES / Peak) HF	240 / 960 W
Rigging	VH Layer™ rigging system
Connections	2 x SpeakON™ NL8 - 1 x NL4 Sub-Bass out - 1 x NL4 EMD out
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	450 / 17.71
Height Rear (mm / in)	360 / 13.78
Width Front (mm / in)	545 / 21.45
Width Rear (mm / in)	545 / 21.45
Depth (mm / in)	510 / 20,07
Weight (Kg / lb)	45 + 8 / 99.20 + 17.63 (Additional EMD)
Supported Processing	Armonia Plus (A+)

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Layer112H+EMD

External Midrange Device



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications LayerEMD

Frequency Range (+/-3dB)	350 Hz - 1.5 kHz
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL MF	141 dB
Components MF	2 x 6.5 in Neodymium cone driver
Nominal Impedance	8 Ω
Power Handling (AES / Peak)	360 / 1.440 W
Rigging	VH Layer EMD™ rigging system
Connections	1 x SpeakON™ NL4
Enclosure Construction	ABS
Finish	Black & White polymer
Protection Grille	N.A.

Height Front (mm / in)	450 / 17.71
Height Rear (mm / in)	450 / 17.71
Width Rear (mm / in)	472 / 18.58
Width Rear (mm / in)	346 / 13.62
Depth (mm / in)	371 / 14.61
Weight (Kg / lb)	8 / 17.63
Supported Processing	Armonia Plus (A+)

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Layer112H+EMD

Three-way Line Array element



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications Layer112H+EMD

Frequency Range (+/-3dB)	65 Hz - 21 kHz (55 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 10°
Maximum Peak SPL (LF / MF / HF)	138 / 141 / 148 dB
Components LF	1 x 12 in Neodymium cone driver
Components MF	2 x 6.5 in Neodymium cone driver (otional)
Components HF	3 x 4 in Neopdymium planar wave driver
Nominal Impedance LF	8 Ω
Nominal Impedance MF	8 Ω (optional)
Nominal Impedance HF	5.3 Ω
Power Handling (AES / Peak) LF	650 / 2.600 W
Power Handling (AES / Peak) MF	360 / 1.440 W (optional)
Power Handling (AES / Peak) HF	240 / 960 W
Rigging	VH Layer™ rigging system
Connections	2 x SpeakON™ NL8 - 1 x NL4 Sub-Bass Out - 1 x NL4 EMD Out
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	450 / 17.71
Height Rear (mm / in)	360 / 13.78
Width Front (mm / in)	545 / 21.45
Width Rear (mm / in)	545 / 21.45
Depth (mm / in)	510 / 20,07
Weight (Kg / lb)	45 + 8 / 99.20 + 17.63 (Additional EMD)
Supported Processing	Armonia Plus (A+)

F15EV

Three-way Full-Range system



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications F15EV

Frequency Range (+/-3dB)	65 Hz - 20 kHz (50 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	60° x 40°
Maximum Peak SPL (LF / MF / HF)	139 / 141/ 136 dB
Components LF	1 x 15 in Neodymium cone driver
Components MF	2 x 6.5 in Neodymium cone driver
Components HF	1 x 2 in exit Neodymium compression Driver
Nominal Impedance LF	8 Ω
Nominal Impedance MF	8 Ω
Nominal Impedance HF	8 Ω
Power Handling (AES / Peak) LF	1500 / 6.000 W
Power Handling (AES / Peak) MF	360 / 1.440 W
Power Handling (AES / Peak) HF	110 / 440 W
Rigging	VH e-motion™ rigging system
Connections	2 x SpeakON™ NL8 - 1 x NL4 Sub-Bass out
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	918 / 36.14
Height Rear (mm / in)	918 / 36.14
Width Front (mm / in)	661 / 26.02
Width Rear (mm / in)	340 / 13.38
Depth (mm / in)	639 / 25.15
Weight (Kg / lb)	67 / 147.70
Supported Processing	Armonia Plus (A+)

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F12H

Two-way Full-Range system



Technical Specifications F12H

Frequency Range (+/-3dB)	120 Hz - 20 kHz (90 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	60° x 40°
Maximum Peak SPL (LMF / MHF)	143 / 136 dB
Components LMF	1 x 12 in Neodymium cone driver
Components MHF	1 x 1.4 in exit Neodymium compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	8 Ω
Power Handling (AES / Peak) LMF	450 / 1.800 W
Power Handling (AES / Peak) MHF	110 / 440 W
Rigging	VH e-motion™ rigging system
Connections	2 x SpeakON™ NL8 - 1 x NL4 Sub-Bass out
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
Height Front (mm / in)	585 / 23.03
Height Rear (mm / in)	585 / 23.03
Width Front (mm / in)	775 / 30.51
Width Rear (mm / in)	432 / 17.00
Depth (mm / in)	800 / 31.49
Weight (Kg / lb)	65 / 143.30
Supported Processing	Armonia Plus (A+)

Applications

>> Touring
>> Theater
>> Congress
>> Club

Loud Professional™

F12

Two-way Full-Range system



Technical Specifications F12

Frequency Range (+/-3dB)	60 Hz - 20 kHz (45 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	60° x 40° - Rotable
Maximum Peak SPL (LMF - MHF)	127 / 133 dB
Components LMF	1 x 12 in Neodymium cone driver
Components MHF	1 x 1 in exit Neodymium compression driver
Nominal Impedance	8 Ω (Internal passive network)
Power Handling (AES / Peak)	650 / 2.600 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
Height Front (mm / in)	680 / 26.77
Height Rear (mm / in)	680 / 26.77
Width Front (mm / in)	430 / 16.92
Width Rear (mm / in)	239 / 09.40
Depth (mm / in)	380 / 14.96
Weight (Kg / lb)	24 / 52.91
Supported Processing	Armonia Plus (A+)

Applications

>> Touring
>> Theater
>> Congress
>> Club

Loud Professional™

P8i

Two-way Full-Range system



Technical Specifications P8i

Frequency Range (+/-3dB)	65 Hz - 20 kHz (55 Hz @ -10dB)
Nominal Directivity (-6dB) H x V	60° x 40° - Rotable
Maximum Peak SPL (LMF - MHF)	129 dB
Components LMF	1 x 8 in Neodymium cone driver
Components MHF	1 x 1 in exit Neodymium compression driver
Nominal Impedance	8 Ω (Internal passive network)
Power Handling (AES / Peak)	350 / 1.400 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	15 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
Height Front (mm / in)	525 / 20.66
Height Rear (mm / in)	525 / 20.66
Width Front (mm / in)	260 / 10.23
Width Rear (mm / in)	104 / 04.09
Depth (mm / in)	300 / 15.55
Weight (Kg / lb)	12.4 / 11.811
Supported Processing	Armonia Plus (A+)

Applications

>> Theater
>> Congress
>> Club

P10i

Two-way Full-Range system



Applications

>> Theater
>> Congress
>> Club

Technical Specifications P10i

Frequency Range (+/-3dB)	65 Hz - 20 kHz (50 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	60° x 40° - Rotable
Maximum Peak SPL (LMF / MHF)	132 / 136 dB
Components LMF	1 x 10 in Neodymium cone driver
Components MHF	1 x 2 in exit Neodymium compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	8 Ω
Power Handling (AES / Peak) LMF	650 / 2.600 W
Power Handling (AES / Peak) MHF	110 / 440 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	15 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	650 / 25.59
Height Rear (mm / in)	650 / 25.59
Width Front (mm / in)	330 / 12.99
Width Rear (mm / in)	150 / 0.5.90
Depth (mm / in)	350 / 13.78
Weight (Kg / lb)	20.7 / 45.63
Supported Processing	Armonia Plus (A+)

P12i

Two-way Full-Range system



Applications

>> Theater
>> Congress
>> Club

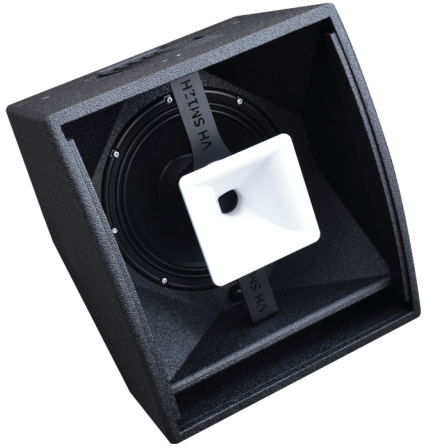
Technical Specifications P12i

Frequency Range (+/-3dB)	50 Hz - 20 kHz (40 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	60° x 40° - Rotable
Maximum Peak SPL (LMF / MHF)	132 / 136 dB
Components LMF	1 x 12 in Neodymium cone driver
Components MHF	1 x 2 in exit Neodymium compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	8 Ω
Power Handling (AES / Peak) LMF	650 / 2.600 W
Power Handling (AES / Peak) MHF	110 / 440 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	15 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	710 / 27.95
Height Rear (mm / in)	710 / 27.95
Width Front (mm / in)	360 / 14.17
Width Rear (mm / in)	152 / 0.5.98
Depth (mm / in)	395 / 15.55
Weight (Kg / lb)	24 / 45.53
Supported Processing	Armonia Plus (A+)

Loud Professional™

SM12H

Dual Purpose PA/Stage Monitor enclosure



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications SM12H

Frequency Range (+/-3dB)	75 Hz - 20 kHz (65 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	20° x 90° - Rotable
Maximum SPL Peak (LMF / MHF)	136 / 136 dB
Components LMF	1 x 12 in Nodymium driver
Components MHF	1 x 1 in exit Neodymium compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	16 Ω
Power Handling (AES / Peak) LMF	650 / 2.600 W
Power Handling (AES / Peak) MHF	110 / 440 W
Connections	2 x SpeakON™ NL4 - 2 x SpeakON™ NL4 Paralleled - Rear side
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	490 / 19.23
Height Rear (mm / in)	490 / 19.23
Width Front (mm / in)	450 / 17.51
Width Rear (mm / in)	450 / 17.51
Depth (mm / in)	380 / 14.66
Weight (Kg / lb)	23.5 / 51.80
Supported Processing	Armonia Plus (A+)

Loud Professional™

SM15

Dual Purpose PA/Stage Monitor enclosure



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications SM15

Frequency Range (+/-3dB)	50 Hz - 20 kHz (40 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	60° x 60° - Conical
Maximum Peak SPL (LMF - MHF)	134 / 136 dB
Components (LMF / MHF)	1 x 15 in + 1 x 1.4 in Neodymium coaxial compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	8 Ω
Power Handling (AES / Peak) LMF	450 / 1.800 W
Power Handling (AES / Peak) MHF	110 / 440 W
Connections	2 x SpeakON™ NL8 - 2 x SpeakON™ NL4 - 1 x NL4 Sub-Bass out
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Ttransparent Foam for discrete appearance
Height Front (mm / in)	406 / 15.98
Height Rear (mm / in)	406 / 15.98
Width Front (mm / in.)	598 / 23.54
Width Rear (mm / in)	598 / 23.54
Depth (mm / in)	593 / 23.34
Weight (Kg / lb)	28 / 61.72
Supported Processing	Armonia Plus (A+)

Loud Professional™

118R

Dedicated Sub-Bass enclosure



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications Sub118R

Frequency Range (+/-3dB)	35 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	138 dB
Components	1 x 18 in Ferrite cone driver
Nominal Impedance	8 Ω
Power Handling (AES / Peak)	1.500 / 6.000 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	575 / 22.63
Height Rear (mm / in)	575 / 22.63
Width Front (mm / in)	585 / 23.03
Width Rear (mm / in)	585 / 23.03
Depth (mm / in)	735 / 28.93
Weight (Kg / lb)	50 / 110.23
Supported Processing	Armonia Plus (A+)

Loud Professional™

215R

Dedicated Sub-Bass enclosure



Technical Specifications Sub215R

Frequency Range (+/-3dB)	32 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	144 dB
Components	2 x 15 in Ferrite cone driver
Nominal Impedance	2 x 8 Ω
Power Handling (AES / Peak)	2 x 1.500 / 2 x 6.000 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	445 / 17.52
Height Rear (mm / in)	445 / 17.52
Width Front (mm / in)	1250 / 49.212
Width Rear (mm / in)	1250 / 49.212
Depth (mm / in)	735 / 28.93
Weight (Kg / lb)	97.5 / 214.95
Supported Pocessing	Armonia Plus (A+)

Applications

>> Touring
>> Theater
>> Congress
>> Club

Loud Professional™

218R

Dedicated Sub-Bass enclosure



Technical Specifications Sub218R

Frequency Range (+/-3dB)	32 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	144 dB
Components	2 x 18 in Ferrite cone driver
Nominal Impedance	2 x 8 Ω
Power Handling (AES / Peak)	2 x 1.500 / 2 x 6.000 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	1160 / 45.66
Height Rear (mm / in)	1160 / 45.66
Width Front (mm / in)	585 / 23.03
Width Rear (mm / in.	585 / 23.03
Depth (mm / in)	735 / 28.93
Weight (Kg / lb)	97.5 / 214.95
Supported Processing	Armonia Plus (A+)

Applications

>> Touring
>> Theater
>> Congress
>> Club

Loud Professional™

121H

Dedicated Sub-Bass enclosure



Applications

>> Touring
>> Theater
>> Congress
>> Club

Technical Specifications Sub121H

Frequency Range (+/-3dB)	35 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	145 dB
Components	1 x 21 in Ferrite cone driver
Nominal Impedance	8 Ω
Power Handling (AES / Peak)	2.000 / 8.000 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	1215 / 47.83
Height Rear (mm / in)	1215 / 47.83
Width Front (mm / in)	685 / 26.96
Width Rear (mm / in)	685 / 26.96
Depth (mm / in)	900 / 35.43
Weight (Kg / lb)	118 / 260
Supported Processing	Armonia Plus (A+)

Loud Professional™

Smart1.0

Self-powered Full-Range system



Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Technical Specifications Smart1.0

Frequency Range (+/-3dB)	65 Hz - 20 kHz (50 Hz @ -6 dB)
Nominal Directivity (-6dB) H x V	60° x 40° - Rotable
Maximum Peak SPL (LMF - MHF)	130 dB
Components LMF	1 x 10 in Ferrite cone driver
Components MHF	1 x 1 in exit Neodymium compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	8 Ω
Power Handling (AES / Peak) LMF	300 / 1.200 W
Power Handling (AES / Peak) LMF	50 / 200 W
Amplifier	Dual channel Class D amplifier (2 x 1.050 @ 8 Ω - on board
	DSP)
Connections	2 x Neutrik™ XLR (In / Out)
	2 x Powercon™ (In / Out)
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam
Height Front (mm / in)	576 / 222.67
Height Rear (mm / in)	576 / 222.67
Width Front (mm / in)	389 / 15.31
Width Reark (mm / in)	219 / 08.62
Depth (mm / in)	350 / 13.77
Weight (Kg / lb)	23.5 / 51.80
Supported Processing	Armonia Plus (A+)

Smart1.2

Self-powered Full-Range system



Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Technical Specifications Smart1.2

Frequency Range (+/-3dB)	60 Hz - 20 kHz (50 Hz @ -6 dB)
Nominal Directivity (-6dB) H x V	90° x 60° - Rotable (60° x 40° option)
Maximum Peak SPL (LMF - MHF)	134 dB
Components LMF	1 x 12 in Ferrite cone driver
Components MHF	1 x 1.4 in exit Neodymium compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	16 Ω
Power Handling (AES / Peak) LMF	650 / 2.600 W
Power Handling (AES / Peak) LMF	50 / 200 W
Amplifier	Dual channel Class D amplifier (2 x 1.050 @ 8 Ω - on board
	DSP)
Connections	2 x Neutrik™ XLR (In / Out)
	2 x Powercon™ (In / Out)
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam
Height Front (mm / in)	680 / 26.87
Height Rear (mm / in)	680 / 26.87
Width Front (mm / in)	430 / 16.92
Width Rear (mm / in)	239 / 09.40
Depth (mm / in)	380 / 14.96
Weight (Kg / lb)	26 / 57.32
Supported Processing	Armonia Plus (A+)

Loud Professional™

Smart1.5

Self-powered Full-Range system



Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Technical Specifications Smart1.5

Frequency Range (+/-3dB)	50 Hz - 20 kHz (50 Hz @ -6 dB)
Nominal Directivity (-6dB) H x V	90° x 60° - Rotable (60° x 40° option)
Maximum Peak SPL (LMF - MHF)	135 dB
Components LMF	1 x 15 in Ferrite cone driver
Components MHF	1 x 1.4 in exit Neodymium compression driver
Nominal Impedance LMF	8 Ω
Nominal Impedance MHF	16 Ω
Power Handling (AES / Peak) LMF	800 / 3200 W
Power Handling (AES / Peak) LMF	110 / 440 W
Amplifier	Dual channel Class D amplifier (2 x 1.050 @ 8 Ω - on board
	DSP)
Connections	2 x Neutrik™ XLR (In / Out)
	2 x Powercon™ (In / Out)
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
Height Front (mm / in)	575 / 22.63
Height Rear (mm / in)	575 / 22.63
Width Front (mm / in)	585 / 23.03
Width Rear (mm / in)	585 / 23.03
Depth (mm / in)	735 / 28.93
Weight (Kg / lb)	50 / 110.23
Supported Processing	Armonia Plus (A+)

Loud Professional™

Smart Sub1.8H

Self-powered Sub-Bass enclosure



Technical Specifications Smart Sub1.8H

Frequency Range (+/-3dB)	45 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL (LM - MHF)	140 dB
Components LF	1 x 18 in Ferrite cone driver
Nominal Impedance LF	8 Ω
Power Handling (AES / Peak) LF	1500 / 6000 W
Amplifier	Dual channel Class D amplifier (1 x 1500 @ 8 Ω, pair of channels bridged - on board DSP)
Connections	2 x Powercon™ (IN / OUT) - 2 x Neutrik™ XLR (IN / Out)
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically trasparent Foam for discrete appearance
Height Front (mm / in)	701 / 27.59
Height Rear (mm / in)	701 / 27.59
Width Front (mm / in)	530 / 20.86
Width Rear (mm / in)	530 / 20.86
Depth (mm / in)	769 / 30.27
Weight (Kg / lb)	62 / 136.68
Supported Processing	Armonia Plus (A+)

Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Smart Sub2.5R

Self-powered Sub-Bass enclosure



Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Technical Specifications Smart Sub2.5R

Frequency Range (+/-3dB)	35 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	142 dB
Components LF	2 x 15 in Ferrite cone driver
Nominal Impedance LF	8 + 8 Ω
Power Handling (AES / Peak) LF	2 x 1500 / 2 x 6000 W
Amplifier	Quad channel Class D amplifier (2 x 1500 @ 8 Ω, pair of channels bridged - on board DSP)
Connections	2 x Powercon™ (In / Out) - 2 x Neutrik™ XLR (In / Out)
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically trasparent Foam for discrete appearance
Height Front (mm / in)	930 / 36.61
Height Rear (mm / in)	930 / 36.61
Width Front (mm / in)	585 / 23.03
Width Rear (mm / in)	585 / 23.03
Depth (mm / in)	650 / 25.59
Weight (Kg / lb)	80 / 176.36
Supported Processing	Armonia Plus (A+)

Loud Professional™

Smart Sub2.8R

Self-powered Sub-Bass enclosure



Applications

>> Touring
>> Theater
>> Congress
>> Club
>> Portable

Technical Specifications Smart Sub2.8R

Frequency Range (+/-3dB)	32 Hz - 150 Hz
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	142 dB
Components LF	2 x 18 in Ferrite cone driver
Nominal Impedance LF	8 + 8 Ω
Power Handling (AES / Peak) LF	2 x 1500 / 2 x 6000 W
Amplifier	Quad channel Class D amplifier (2 x 1500 @ 8 Ω, pair of channels bridged - on board DSP)
Connections	2 x Powercon™ (In / Out) - 2 x Neutrik™ XLR (In / Out)
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically trasparent Foam for discrete appearance
Height Front (mm / in)	1160 / 45.66
Height Rear (mm / in)	1160 / 45.66
Width Front (mm / in)	585 / 23.03
Width Rear (mm / in)	585 / 23.03
Depth (mm / in)	735 / 28.93
Weight (Kg / lb)	101 / 222.66
Supported Processing	Armonia Plus (A+)

Loud Professional™

Gamma5

Two-way Full-Range system



Technical Specifications Gamma5

Frequency Range (+/-3dB)	80 Hz - 20 kHz (70 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	70° x 70° - Conical
Maximum Peak SPL (LMF - MHF)	121 dB
Components (LMF - MHF)	1 x 5 in + 1 x 1 in Neodymium coaxial compression driver
Nominal Impedance (LMF - MHF)	8 Ω (internal passive network)
Power Handling (AES / Peak)	150 / 600 W
Connections	2 x SpeakON™ NL4 - 1 x SpeakON™ NL4 Paralleled - Bottom side
Enclosure Construction	12 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, refer to the User Manual)
	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
	(Optional custom color, refer to the User Manual)
Height Front (mm / in)	300 / 11.81
Height Rear (mm / in)	300 / 11.81
Width Front (mm / in)	170 / 06.69
Width Rear (mm / in)	68 / 02.67
Depth (mm / in)	201 / 07.91
Weight (Kg / lb)	4.5 / 09.92
Supported Processing	Armonia Plus(A+)

Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Loud Professional™

Gamma6

Two-way Full-Range system



Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Technical Specifications Gamma6

Frequency Range (+/-3dB)	75 Hz - 20 kHz (65 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	70° x 70° - Conical
Maximum Peak SPL (LMF - MHF)	121 dB
Components (LMF - MHF)	1 x 6.5 in + 1 x 1 in Neodymium coaxial compression driver
Nominal Impedance (LMF - MHF)	8 Ω (internal passive network)
Power Handling (AES / Peak)	200 / 800 W
Connections	3 x SpeakON™ NL4 (Two on the Rear side, on the bottom side)
Enclosure Construction	12 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, refer to the User Manual)
	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
	(Optional custom color, refer to the User Manual)
Height Front (mm / in)	350 / 13.77
Height Rear (mm / in)	350 / 13.77
Width Front (mm / in)	200 / 07.87
Width Rear (mm / in)	81/ 03.18
Depth (mm / in)	231 / 09.11
Weight (Kg / lb)	5 / 11.02
Supported Processing	Armonia Plus (A+)

Loud Professional™

Gamma8

Two-way Full-Range system



Technical Specifications Gamma8

Frequency Range (+/-3dB)	65 Hz - 20 kHz (60 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	70° x 70° - Conical
Maximum Peak SPL (LMF - MHF)	127 dB
Components (LMF - MHF)	1 x 8 in + 1 x 1 in Neodymium coaxial compression driver
Nominal Impedance (LMF - MHF)	8 Ω (internal passive network)
Power Handling (AES / Peak)	250 / 1.000 W
Connections	2 x SpeakON™ NL4 - 1 x SpeakON™ NL4 Paralleled - Bottom side
Enclosure Construction	12 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, refer to the User Manual)
	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
	(Optional custom color, refer to the User Manual)
Height Front (mm / in.)	400 / 15.74
Height Rear (mm / in.)	400 / 15.74
Width Front (mm / in.)	250 / 10.62
Width Rear (mm / in.)	78.5 / 03.09
Depth (mm / in.)	305 / 09.11
Weight (Kg / lb.)	8 / 17.63
Supported Processing	Armonia Plus (A+)

Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Loud Professional™

Gamma10

Two-way Full-Range system



Technical Specifications Gamma10

Frequency Range (+/-3dB)	65 Hz - 20 kHz (55 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	70° x 70° - Conical
Maximum Peak SPL (LMF - MHF)	129 dB
Components (LMF - MHF)	1 x 10 in + 1 x 1 in Neodymium coaxial compression driver
Nominal Impedance (LMF - MHF)	8 Ω (internal passive network)
Power Handling (AES / Peak)	300 / 1.200 W
Connections	2 x SpeakON™ NL4 - 1 x SpeakON™ NL4 Paralleled - Bottom side
Enclosure Construction	15 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, refer to the User Manual)
	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
	(Optional custom color, refer to the User Manual)
Height Front (mm / in)	550 / 21.65
Height Rear (mm / in)	550 / 21.65
Width Front (mm / in)	330 / 12.99
Width Rear (mm / in)	145 / 05.70
Depth (mm / in)	355 / 13.97
Weight (Kg / lb)	14 / 30.86
Supported Processing	Armonia Plus (A+)

Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Loud Professional™

Gamma12

Two-way Full-Range system



Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Technical Specifications Gamma12

Frequency Range (+/-3dB)	55 Hz - 20 kHz (50 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	60° x 60° - Conical
Maximum Peak SPL (LMF - MHF)	131 dB
Components (LMF - MHF)	1 x 12 in + 1 x 1 in Neodymium coaxial compression driver
Nominal Impedance	8 Ω (internal passive network)
Power Handling (AES / Peak)	450 / 1.800 W
Connections	2 x SpeakON™ NL4 - 1 x SpeakON™ NL4 Paralleled - Bottom side
Enclosure Construction	15 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
	(Optional custom color, refer to the User Manual)
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
	(Optional custom color, refer to the User Manual)
Height Front (mm / in)	600 / 23.62
Height Rear (mm / in)	600 / 23.62
Width Front (mm / in)	363 / 14.29
Width Rear (mm / in)	110 / 04.33
Depth (mm / in.)	410 / 16.14
Weight (Kg / lb)	16 / 35.27
Supported Processing	Armonia Plus (A+)

Loud Professional™

GammaS8

Dedicated Sub-Bass enclosure



Technical Specifications GammaS8

Frequency Range (+/-3dB)	45 Hz - 120 kHz (40 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	Omidirectional or cardiod (paired)
Maximum Peak SPL LF	124 dB
Components LF	1 x 8 in Ferrite cone driver
Nominal Impedance LF	8 Ω
Power Handling (AES / Peak) LF	350 / 1.400 W
Connections	2 x SpeakON™ NL4 Connectors
Enclosure Construction	18 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	N.A.
Height Front (mm / in)	250 / 09.84
Height Rear (mm / in)	250 / 09.84
Width Front (mm / in)	600 / 23.62
Width Rear (mm / in)	600 / 23.62
Depth (mm / in)	500 / 19.68
Weight (Kg / lb)	20 / 44.09
Supported Processing	Armonia Plus (A+)

Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Loud Professional™

GammaS115

Dedicated Sub-Bass enclosure



Technical Specifications GammaS115

Frequency Range (+/-3dB)	40 Hz - 120 kHz (33 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	Omidirectional or cardiod (paired)
Maximum Peak SPL LF	134 dB
Components LF	1 x 15 in Ferrite cone driver
Nominal Impedance LF	8 Ω
Power Handling (AES / Peak) LF	1.000 / 4.000 W
Connections	2 x SpeakON™ NL4 Connectors
Enclosure Construction	18 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2 mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	453 / 17.83
Height Rear (mm / in)	453 / 17.83
Width Front (mm / in)	545 / 21.45
Width Rear (mm / in.)	545 / 21.45
Depth (mm / in)	651 / 25.63
Weight (Kg / lb)	37 / 81.57
Supported Processing	Armonia Plus (A+)

Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Loud Professional™

Micro Full-Range

Two-way Full-Range system



Technical Specifications Micro Full-Range

Frequency Range (+/-3dB)	90/150 Hz - 20 kHz
Nominal Directivity (-6dB) H x V	60° x 60° - Conical
Maximum Peak SPL (LMF - MHF)	131 dB
Components LMF	1 x 6.5 in Nodymium cone driver
Components MHF	1 x 1 in exit Neodymium compression driver
Nominal Impedance (LMF - MHF)	16 Ω (Internal passive network)
Power Handling (AES / Peak)	200 / 800 W (operating @150Hz - HPF)
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	N.A.
Height Front (mm / in)	257 / 10.11
Height Rear (mm / in)	340 / 13.38
Width Front (mm / in)	225 / 08.85
Width Rear (mm / in)	225 / 08.85
Depth (mm / in)	195 / 07.67
Weight (Kg / lb)	8 / 17.63
Supported Processing	Armonia Plus (A+)

Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Loud Professional™

Micro Sub112DR

Dedicated Sub-Bass enclosure



Technical Specifications Sub112DR

Frequency Range (+/-3dB)	50 Hz - 150 Hz (45 Hz @ -6 dB)
Nominal Directivity (-6dB) H x V	Omnidirectional or cardioid (paired)
Maximum Peak SPL LF	133 dB
Components	1 x 12 in Ferrite cone driver
Nominal Impedance	8 Ω
Power Handling (AES / Peak)	800 / 3.200 W
Connection	2 x SpeakON™ NL4
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	N.A.
Height Front (mm / in)	405 / 15.94
Height Rear (mm / in)	405 / 15.94
Width Front (mm / in)	700 / 27.55
Width rear (mm / in)	700 / 27.55
Depth (mm / in)	465 / 18.30
Weight (Kg / lb)	32.5 / 71.65
Supported Processing	Armonia Plus (A+)

Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Loud Professional™

Nucleo

Ultra-compact Full-Range system



Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Technical Specifications Nucleo

Frequency Range (+/-3dB)	120 Hz - 20 kHz (100 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	120° x 120° - Conical
Maximum Peak SPL (LMF - MHF)	114 dB
Components LMF	1 x 4 in Nodymium cone driver
Components MHF	1 x 1 in Neodymium soft dome tweeter
Nominal Impedance (LMF - MHF)	8 Ω (Internal passive network)
Power Handling (AES / Peak)	40 / 320 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	9 / 12 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Foam for discrete appearance
Height Front (mm / in)	220 / 08.66
Height Rear (mm / in)	185 / 07.28
Width Front (mm / in)	140 / 05.51
Width Rear (mm / in)	140 / 05.51
Depth (mm / in)	150 / 05.90
Weight (Kg / lb)	2 / 04.40
Supported Processing	Armonia Plus (A+)

Loud Professional™

NucleoS/S-P

Ultra-compact Sub-Bass enclosure





Applications

>> Theater
>> Congress
>> Club
>> Bar & Restaurant
>> Living Room
>> Portable

Technical Specifications NucleoS-P

Frequency Range (+/-3dB)	50 Hz - 120 kHz (45 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	Omidirectional or cardiod (paired)
Maximum Peak SPL LF	121 dB
Components LF	1 x 8 in Ferrite cone driver
Nominal Impedance LF	8 Ω
Power Handling (AES / Peak) LF	350 / 1.400 W
Connections	2 x SpeakON™ NL4
Enclosure Construction	18 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	N.A.
Height Front (mm / in)	250 / 09.84
Height Rear (mm / in)	250 / 09.84
Width Front (mm / in)	490 / 19.29
Width Rear (mm / in)	490 / 19.29
Depth (mm / in)	340 / 13.38
Weight (Kg / lb)	12 / 26.45
Supported Processing	Armonia Plus (A+)

Loud Professional™

Quadra2

Mini Full-Range system



Applications

>> Bar & Restaurant
>> Living Room

Technical Specifications Quadra2

Frequency Range (+/-3dB)	170 Hz - 20 kHz (140 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 90° - Conical
Maximum Peak SPL (LMF - MHF)	104 dB
Components (LMF - MHF)	1 x 2 in Nodymium Full Range cone driver
Nominal Impedance (LMF - MHF)	8 Ω (built-in HPF)
Power Handling (AES / Peak)	25 / 100 W
Connections	1 x Phoenix™ Connector
Enclosure Construction	9 / 12 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, Refer to the User Manual) Powder coated 1.5 mm Metal Rigid Grille Acoustically Transparent Cloth for discrete appearance (Optional custom color, Refer to the User Manual)
Height Front (mm / in)	100 / 03.93
Height Rear (mm / in)	100 / 03.93
Width Front (mm / in)	100 / 03.93
Width Rear (mm / in)	100 / 03.93
Depth (mm / in)	100 / 03.93
Weight (Kg / lb)	0.5 / 01.10
Supported Processing	Armonia Plus (A+)

Loud Professional™

Quadra4

Mini Full-Range system



Applications

>> Bar & Restaurant
>> Living Room

Technical Specifications Quadra4

Frequency Range (+/-3dB)	130 Hz - 18 kHz (110 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 90° - Conical
Maximum SPL Peak (LMF - MHF)	114 dB
Components (LMF - MHF)	1 x 4 in Nodymium Full Range cone driver
Nominal Impedance (LMF - MHF)	8 Ω (built-in HPF)
Power Handling (AES / Peak)	40 / 160 W
Connections	1 x Phoenix™
Enclosure Construction	9 / 12 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, Refer to the User Manual) Powder coated 1.5 mm Metal Rigid Grille Acoustically Transparent Cloth for discrete appearance
	(Optional custom color, Refer to the User Manual)
Height Front (mm / in)	130 / 05.11
Height Rear (mm / in)	130 / 05.11
Width Front (mm / in)	130 / 05.11
Width Rear (mm / in)	130 / 05.11
Depth (mm / in)	130 / 05.11
Weight (Kg / lb)	0.8 / 01.70
Supported Processing	Armonia Plus (A+)

Loud Professional™

Quadra5

Mini Full-Range system



Applications

>> Bar & Restaurant
>> Living Room

Technical Specifications Quadra5

Frequency Range (+/-3dB)	110 Hz - 22 kHz (90 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 90° - Conical
Maximum Peak SPL (LMF - MHF)	115 dB
Components (LMF - MHF)	1 x 6,5 in + 1 x 0.55 in built-in coaxial soft dome tweeter
Nominal Impedance (LMF - MHF)	8 Ω (built - in passive network)
Power Handling (AES / Peak)	50 / 200 W
Connections	2 x Phoenix™ Connectors
Enclosure Construction	9 / 12 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, Refer to the User Manual)
	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Ttransparent Cloth for discrete appearance
	(Optional custom color, Refer to the User Manual)
Height Front (mm / in)	160 / 06.29
Height Rear (mm / in)	160 / 06.29
Width Front (mm / in)	160 / 06.29
Width Rear (mm / in)	160 / 06.29
Depth (mm / in)	175 / 06.88
Weight (Kg / lb)	2 / 04.40
Supported Processing	Armonia Plus (A+)

Loud Professional™

Quadra6

Mini Full-Range system



Applications

>> Bar & Restaurant
>> Living Room

Technical Specifications Quadra6

Frequency Range (+/-3dB)	90 Hz - 22 kHz (75 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	90° x 90° - Conical
Maximum Peak SPL (LMF - MHF)	115 dB
Components LMF	1 x 6,5 in + 1 x 0.55 in built-in coaxial soft dome tweeter
Nominal Impedance (LMF - MHF)	8 Ω (built - in passive network)
Power Handling (AES / Peak)	50 / 200 W
Connections	2 x Phoenix™ Connectors
Enclosure Construction	9 / 12 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	(Optional custom color, Refer to the User Manual)
	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Ttransparent Cloth for discrete appearance
	(Optional custom color, Refer to the User Manual)
Height Front (mm / in)	220 / 08.66
Height Rear (mm / in)	220 / 08.66
Width Front (mm / in)	220 / 08.66
Width Rear (mm / in)	220 / 08.66
Depth (mm / in)	250 / 09.84
Weight (Kg / lb)	3.5 / 07.71
Supported Processing	Armonia Plus (A+)

Loud Professional™

QuadraS-HP

Ultra-compact Sub-Bass enclosure



Technical Specifications QuadraS - HP

Frequency Range (+/-3dB)	45 Hz - 110 kHz (40 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	Omidirectional or cardiod (paired)
Maximum Peak SPL LF	124 dB
Components LF	1 x 8 in Ferrite cone driver
Nominal Impedance LF	8 Ω
Power Handling (AES / Peak) LF	350 / 1.400 W
Connections	2 x Phoenix™ 4 Pole Connectors
Enclosure Construction	18 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
	(Optional custom color, Refer to the User Manual)
Protection Grille	N.A.
Height Front (mm / in)	425 / 16.73
Height Back (mm / in)	425 / 16.73
Width Front (mm / in)	425 / 16.73
Width Back (mm / in.)	425 / 16.73
Depth (mm / in)	425 / 16.73
Weight (Kg / lb)	17.5 / 38.58
Supported Processing	Armonia Plus (A+)

Applications

>> Bar & Restaurant
>> Living Room

MicrHome

Compact Full-Range system



Technical Specifications MicrHome

Frequency Range (+/-3dB)	75 Hz - 20 kHz (65 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	70° x 70°
Maximum Peak SPL (LMF - MHF)	123 dB
Components (LMF - MHF)	1 x 6.5 in + 1 x 1 in Neodymium coaxial compression driver
Nominal Impedance (LMF - MHF)	8 Ω (Internal passive network)
Power Handling (AES / Peak)	200 / 800 W
Connections	2 x Phoenix™ NL4 Connectors
Enclosure Construction	18 mm Birch-ply
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	N.A.
Height Front (mm / in)	220 / 08.65
Height Rear (mm / in)	220 / 08.65
Width Front (mm / in)	350 / 13.77
Width Rear (mm / in)	350 / 13.77
Depth (mm / in)	235 / 09.25
Weight (Kg / lb)	8 / 17.63
Supported Processing	Armonia Plus (A+)

Applications

>> Bar & Restaurant
>> Living Room

Loud Professional™

MicrHome Mini

Mini Full-Range system



Applications

>> Bar & Restaurant
>> Living Room

Technical Specifications MicrHome Mini

Frequency Range (+/-3dB)	130 Hz - 20 kHz (110 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	120° x 120°
Maximum Peak SPL (LMF - MHF)	114 dB
Components (LMF - MHF)	1 x 4 in Neodymium cone driver
	1 x 1 in Neodymium soft dome tweeter
Nominal Impedance (LMF - MHF)	8 Ω (Internal passive network)
Power Handling (AES / Peak)	40 / 160 W
Connections	2 x Phoenix ™ Connectors
Enclosure Construction	15 mm MDF Hydro
Finish	Black or White Polyurethane Soft Touch finish
Protection Grille	N.A.
Height Front (mm / in)	240 / 09.44
Height Back (mm / in)	240 / 09.44
Width Front (mm / in)	140 / 05.51
Width Back (mm / in)	140 / 05.51
Depth (mm / in)	140 / 05.51
Weight (Kg / lb)	2.25 / 04.96
Supported Processing	Armonia Plus (A+)

Loud Professional™

MicrHome Nano

Mini Full-Range system



Applications

>> Bar & Restaurant
>> Living Room

Technical Specifications MicrHome Nano

Frequency Range (+/-3dB)	170 Hz - 20 kHz (130 @ -10 dB)
Nominal Directivity (-6dB) H x V	70° x 70°
Maximum Peak SPL (LMF - MHF)	104 dB
Components (LMF - MHF)	1 x 2 in Neodymium Full-Range cone driver
Nominal Impedance (LMF - MHF)	8 Ω (Internal passive network)
Power Handling (AES / Peak)	25 / 100 W
Connections	1 x Phoenix™ NL4
Enclosure Construction	15 mm MDF Hydro
Finish	Black or White Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	N.A.
Height Front (mm / in)	130 / 05.11
Height Back (mm / in)	130 / 05.11
Width Front (mm / in)	90 / 03.54
Width Back (mm / in)	90 / 03.54
Depth (mm / in)	90 / 03.54
Weight (Kg / lb)	0.5 / 01.10
Supported Processing	Armonia Plus (A+)

Loud Professional™

MicrHome Sub

Compact Sub-Bass enclosure



Technical Specifications MicrHome Sub

Frequency Range (+/-3dB)	45 Hz - 200 Hz (35 Hz @ -10 dB)
Nominal Directivity (-6dB) H x V	Omnidirectional
Maximum Peak SPL LF	121 dB
Components LF	1 x 8 in Ferrite cone driver
Nominal Impedance	8 Ω
Power Handling (AES / Peak)	350 / 1.400 W
Connections	2 x Phoenix™ 4 Pole Connectors
Enclosure Construction	18 MDF Hydro
Finish	Black or White Polyurethane Soft Touch finish
Protection Grille	Powder coated 1.5 mm Metal Rigid Grille
	Acoustically Transparent Cloth for discrete appearance
Height Front (mm / in)	310 / 12.20
Height Back (mm / i)	310 / 12.20
Width Front (mm / in.)	630 / 24.80
Width Back (mm / in)	630 / 24.80
Depth (mm / in)	450 / 17.51
Weight (Kg / lb)	21 / 46.29
Supported Processing	Armonia Plus (A+)

Applications

>> Bar & Restaurant
>> Living Room

M 20 - 20

True Reference DJ Monitoring system



Applications

>> DJ Monitoring

Technical Specifications M 20 - 20

Frequency Range (+/-3dB)	25 Hz - 20 kHz (20 Hz @ -5 dB)
Nominal Directivity (-6dB) H x V	60° - 90° x 40°
Maximum Peak SPL (LF / LMF / MHF)	136 / 140 / 142 dB
Components LF	2 x 18 in Ferrite cone driver
Components LMF	2 x 15 in Ferrite cone driver
Components MHF	2 x 10 in Midrange + 1 x 2 in. Neodymium comp. driver
Nominal Impedance LF	4 Ω
Nominal Impedance LMF	4 Ω
Nominal Impedance MHF	4 Ω + 8 Ω
Power Handling (AES / Peak) LF	3.000 / 12.000 W
Power Handling (AES / Peak) LMF	3.000 / 12.000 W
Power Handling (AES / Peak) MHF	600 + 110 / 2.400 + 440 W
Connections	2 x SpeakON™ NL8 - 1 x NL4 Sub-Bass out - 1 x NL4 Infra-Bass out
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	Powder coated 2mm Metal Rigid Grille
	Acoustically transparent Foam for discrete appearance
Height Front (mm / in)	1770 / 696.85
Height Rear (mm / in)	1770 / 696.85
Width Front (mm / in)	825 / 324.80
Width Rear (mm / in)	825 / 324.80
Depth (mm / in)	1.000 / 393.70
Weight (Kg / lb)	223,75 / 493.28
Supported Processing	Armonia Plus)A+)

AirFive

True Reference Studio Monitor



Applications

>> Studio Recording
>> Editing
>> Mastering
>> Broadcast

Technical Specifications AirFive

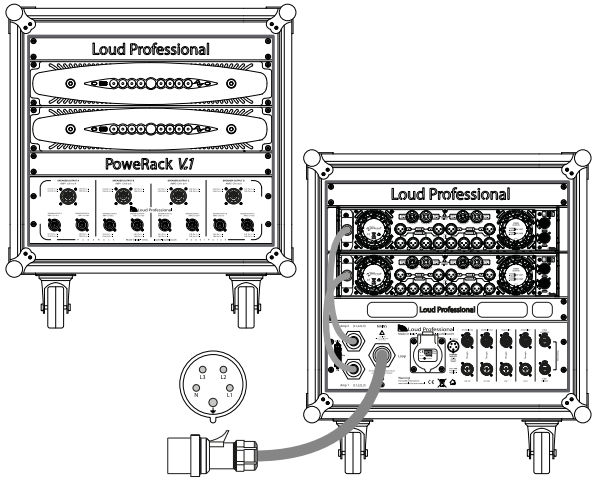
Frequency Range (+/-3dB)	50 Hz - 32 kHz (45 Hz @ -6 dB)
Nominal Directivity (-6dB) H x V	70° x 30°
Maximum Peak SPL (LM - MHF)	121 / 117 dB
Components LMF	2 x 5 in Ferrite cone driver
Components MHF	1 x Neodymium ribbon tweeter
	(Diaphragm Area 6464 mmq)
Nominal Impedance LMF	4 Ω
Nominal Impedance MHF	6 Ω
Power Handling (AES / Peak) LMF	500 / 6000 W
Power Handling (AES / Peak) LMF	100 / 400 W
Amplifier	Dual channel Class D amplifier (2 x 500 @ 4 Ω - on board
	DSP)
Connections	2 x Neutrik™ XLR (In / Out) - 1 x ETH + 1 x USB Network
	1 x VDE (AC Main In) - On / Off Switcher
Enclosure Construction	18 / 24 mm Birch-ply
Finish	Black Polyurea PCP (Polyurea Cabinet Protection) finish
Protection Grille	N.A.
	575 / 22.63
Height Front (mm / in)	575 / 22.63
Height Back (mm / in)	585 / 23.03
Width Front (mm / in)	585 / 23.03
Width Back (mm / in)	735 / 28.93
Depth (mm / in)	50 / 110.23
Weight (Kg / lb)	15.5 / 34.17
Supported Processing	ALL DSP

Loud Professional™

PoweRackV.1

Professional Touring Rack





Applications

>> Touring

Technical Specifications PoweRack V.1

AC Mains & Signals Patch V.1	
AC Mains Connections	1 x 32 A three phases IN plug & 1 x 32 A LINK OUT socket
Analog Signals	2 x Neutrik™ XLR Inputs, 2 x XLR Outputs
Digital Signals **(V.1 / V.2)**	2 x Neutrik™ XLR AES/EBU Inputs,
	2 x Neutrik™ XLR AES/EBU Outputs
Network Connections	2 x Neutrik Ethercon I/O, Remote control
PowerPatch	
Power Output Sections (A,B,C,D)	1 x SpeakON™ NL8 Main Speaker output connector
	2 x SpeakON™ NL4 Slave Speaker output connectors,
	referring to NL8 Main connector
Height Front (mm / in.)	735 / 28.93
Height Back (mm / in.)	735 / 28.93
Width Front (mm / in.)	645 / 25.39
Width Back (mm / in.)	645 / 25.39
Depth (mm / in.)	738 / 29.05
Weight (Kg / lb.)	80 / 176.37

Loud Professional™

PoweRackV.1i

Installation specific Rack



Technical Specifications PoweRack V.1i

AC Mains & Signals Patch V.1	
AC Mains Connections	1 x 32 A three phases IN plug & 1 x 32 A LINK OUT socket
Analog Signals	2 x Neutrik™ XLR Inputs, 2 x XLR Outputs
Digital Signals (**V.1 / V.2**)	2 x Neutrik™ XLR AES/EBU Inputs,
	2 x Neutrik™ XLR AES/EBU Outputs
Network Connections	2 x Neutrik Ethercon I/O, Remote control
PowerPatch	
Power Output Sections (A,B,C,D)	1 x SpeakON™ NL8 Main Speaker output connector
	2 x SpeakON™ NL4 Slave Speaker output connectors,
	referring to NL8 Main connector
Height Front (mm / in.)	575 / 22.63
Height Back (mm / in.)	575 / 22.63
Width Front (mm / in.)	585 / 23.03
Width Back (mm / in.)	585 / 23.03
Depth (mm / in.)	721 (820) / 28.34 (32.28 with Skate)
Weight (Kg / lb.)	98 (105) / 216 (231.5 with Skate)

Applications

>> Installation