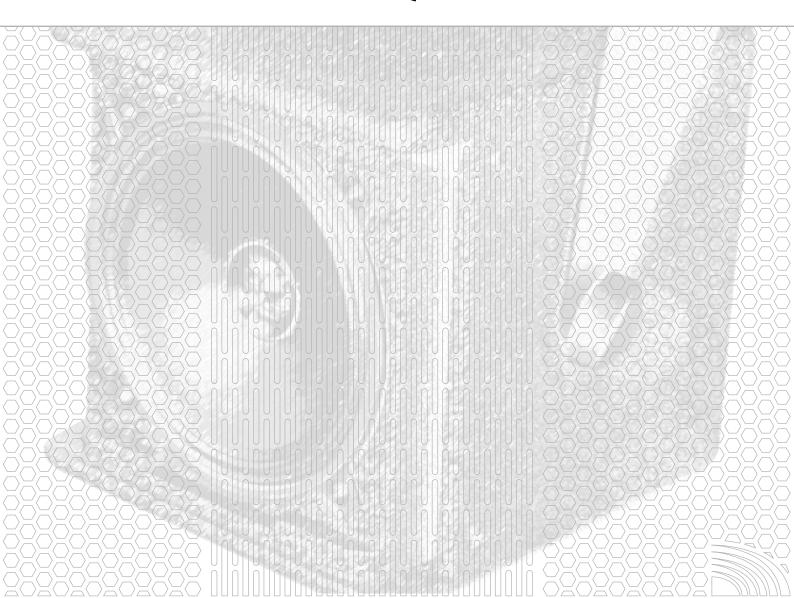
Quadra Series User Manual V_1.0 en

Listen carefully,

Quadra is the Answer!





General information

General information

Quadra Series User Manual

Version: 1.0 en_01/01/2021

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Loud Professional reserves the right to alter any specifications to the products and published documentations without notice.

Keep this document with the product or in a safe place so that it is available for future reference.

We recommend you to regularly check the Loud Professional website for the latest version of this document.

When reselling this product, hand over this document to the new owner.

If you supply Loud Professional products, please draw the attention of your customers to this document. Enclose the relevant documents with the systems. If you require additional documents for this purpose, you can order them from Loud Professional.

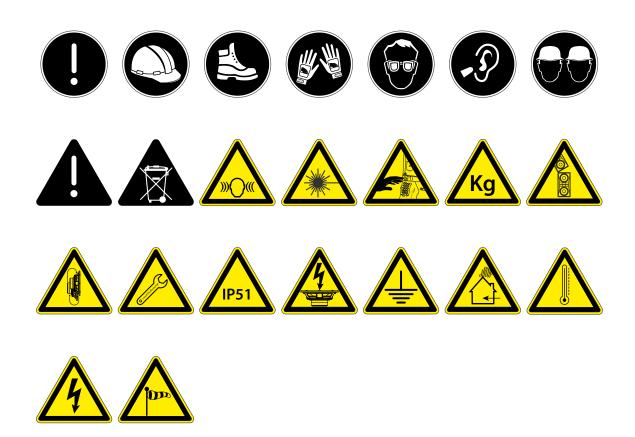
Loud Professional Italy Via Sebino,29 - 00199 Roma, Italy Tel: +39 06 35.29.89.13 Fax: +39 06 35.29.89.13 loud@loud.com loudprofessional.com

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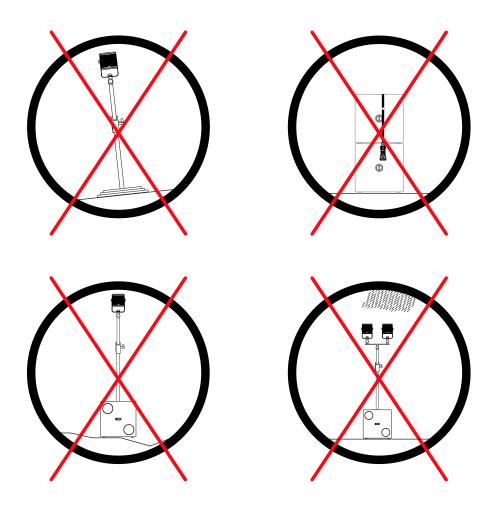
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Safety symbols





Safety symbols









It is mandatory to read this manual before using the Quadra Series system.



This system is intended for professional use.



Inspect the product before any operations.

Qualified personnel must not assume rigging parts or any system componenents if not have been inspected, prior to use by someone else.



Never integrate different equipment or accessories not approved by Loud Professional



Important operating instructions.

Observe all instructions given on the respective instruction labels of the rigging components such as load beams, flying and compression frames, touring carts and loudspeaker cabinets.



Instructions must be strictly followed by operators to ensure proper installations.



Assembly operations should always be carried out by minimum two authorized personnel.

During assembly and disasssembly operations necessarily wear suitable protective clothing and safety devices. Pay attention to any potential risk of personal injury due to possibility of crushing.











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Electric and electronic devices must be disposed separately from normal waste!

Dispose of this product in the specific locations indicated according to local regulations and agreements.







Be aware of high wind force.

in outdoor envinroments it is advisable to have an anemometer. Flying loudspeakers overhead at wind force higher than 6 bft (20 knots), is not recommended.

If the wind force exceeds 8 bft (35 knots):

- Make sure that no people remains in the closer proximity of the array
- Lower and secure the array (Flown & Clustered speakers).



Be aware of excessive loads.

Pay attention, excessive loads can cause permanent personal injury. Please check and respect the regulations relating to maximum load handled per person.



Be aware of sound levels.

Loudspeaker systems are capable of producing very high sound pressure levels (SPL) which can instantaneously lead to permanent hearing damage to performers, production crew and audience members. Hearing damage an also occur at moderate level with prolonged exposure to sound. Check the applicable laws and regulations relating to maximum sound levels and exposure times.



Be aware of laser beams.

In connection with a laser inclinometer take precautions to prevent anyone from looking directly into the laser beam and wear appropriate eye protection. Laser beams can cause permanent personal injury.



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Attention! Crushing points.



Attention! Do not open, risk of electric shock.



Attention! Electronic devices must be ground earthed.





Attention! Do not leave electronic devices exposed to extreme conditions.



Attention! Check the IP rate specifications on the user manual.



Attention! Potential risk of damages.



Attention! Channels overlap.



Attention! In case of assistance read carefully the operating instructions.



Attention! Possible overturning causes damages and personal permanent injury.

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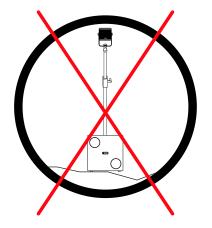
Safety symbols





Do not stack on downhill surfaces.

It is really dangerous to stand speakers on downhill surfaces, risk of overturning! This can causes damages and permanent personal injury.



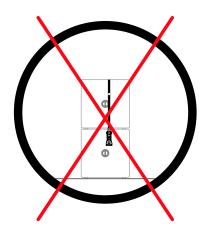
Do not stack on unstable surfaces.

It is really dangerous to stand speakers on unstable surfaces, risk of overturning! This can causes damages and permanent personal injury.

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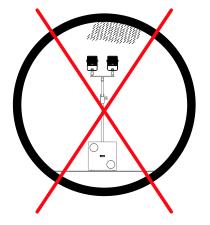
Safety symbols





Do not stack speakers without a properly fixed security belt.

It is really dangerous to stack subwoofers without securing them using a safety belt properly fixed, risk of overturning! This can causes damages and permanent personal injury.



Do not leave speakers exposed to extreme weather conditions.

It is dangerous to leave speakers and electronic devices exposed to extreme weather conditions, this may cause permanent demages due to heavy downpours, humidity, wind and hot air temperatures. Please, before any use, check the IP Rate specifications.



Quadra2, "The Two", extra-small sized, is the smallest speaker of the range. With all sides of 100 mm, it can be quite literally handled in your hands. Weighs no more than 0,5 Kg and it can fit wherever you need, even in the most unthinkable places.

Two, is the transducer dimension (2in.), it's the only one installed on-board and it's the smallest Loud Pro Full Range driver ever used before.

Logically supported in the lower frequencies response, it is capable of delivering an extraordinary sound impact as you cannot expect from speakers of that size.

Designed to be easily integrated in all kind of installations where a distributed line is required, such as malls, shops, restaurants, lounge bars, it also shows itself extremely useful for residential uses and private ceremonies, physically blending in the architecture and disappearing from the sight, mostly thanks to its ultra-compact dimensions and to the customizable colors of the box and the front cloth.

A complete range of accessories makes it happen. Quadra2 can be wall/ceiling mounted using its own bracket fixable on both sides (Left/Right & Top/Bottom), due to the four M6 threaded inserts.

All Quadra Full Ranges can be installed on a microphone stand or on a standard speaker stand, this one using a dedicated bracket adapter. The speakers can be tilted both cases.

A pole mounting kit allows the speaker to be installed on top of a Sub/Bass unit (QuadraS - HP, NucleoS, GammaS8), boosting its LF contour down to 45 Hz as a stand alone system.

It's reasonable to think this system usable for small-sized live performance venues, but only if properly configured.

The rear side features a single 4 pole Phoenix™ connector, extremely helpful for installed applications.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability over time.

Quadra2 cabinet is constructed from marine Birch-ply and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

A color range (RAL Architectural program) makes all Quadra speakers, for an easy integration, most appropriate for each installation depending on the architectural and furniture requirements.



Quadra4, "The Four", extra-small sized, is one of the smallest speaker of the range. With all sides of 130 mm, it can be quite literally handled in your hands. Weighs no more than 0,8 Kg and it can fit wherever you need, even in the most unthinkable places.

Four, is the transducer dimension (4in.), it's the only one installed on-board and it's one of the smallest Loud Pro Full Range driver ever used before.

Logically supported in the lower frequencies response, it is capable of delivering an extraordinary sound impact as you cannot expect from speakers of that size.

Designed to be easily integrated in all kind of installations where a distributed line is required, such as malls, shops, restaurants, lounge bars, it also shows itself extremely useful for residential uses and private ceremonies, physically blending in the architecture and disappearing from the sight, mostly thanks to its ultra-compact dimensions and to the customizable colors of the box and the front cloth.

A complete range of accessories makes it happen. Quadra4 can be wall/ceiling mounted using its own bracket fixable on both sides (Left/Right & Top/Bottom), due to the four M6 threaded inserts.

The same bracket can also be used to fix the speaker on the QuadraS - HP top panel as close coupling, creating a true stand alone Point source element.

All Quadra Full Ranges can be installed on a microphone stand or on a standard speaker stand, this one using a dedicated bracket adapter. The speakers can be tilted both cases.

A pole mounting kit allows the speaker to be installed on top of a Sub/Bass unit (QuadraS - HP, NucleoS, GammaS8), boosting its LF contour down to 45 Hz as a stand alone system.

It's reasonable to think this system usable for small-sized live performance venues, but only if properly configured.

The rear side features two 4 pole Phoenix™ connectors, extremely helpful for installed applications.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability over time.

Quadra4 cabinet is constructed from marine Birch-ply and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

A color range (RAL Architectural program) makes all Quadra speakers, for an easy integration, most appropriate for each installation depending on the architectural and furniture requirements.



Quadra5, "The Five", is the mid-sized speaker of the range. With all sides of 160 mm, it can be quite literally handled in your hands. Weighs no more than 2 Kg and it can fit wherever you need with ease.

Five, is the transducer dimension (5in.), featuring a coaxial Full Range driver, that provides an exceptional wide frequency response from 90 Hz up to 22 kHz.

The Neodymium tweeter (0.55in.), coaxially mounted on the same Mid-bass magnet structure, delivers a really smooth and flat response for a clear and precise Mid-Hi frequency reproduction.

Logically supported in the lower frequencies, Quadra5 is capable to perform an extraordinary sound impact as you cannot expect from speakers of that size.

Designed to be easily integrated in all kind of installations where a distributed line is required, such as malls, shops, restaurants, lounge bars, it also shows itself extremely useful for residential uses and private ceremonies, physically blending in the architecture and disappearing from the sight, mostly thanks to its ultra-compact dimensions and to the customizable colors of the box and the front cloth.

A complete range of accessories makes it happen. Quadra5 can be wall/ceiling mounted using its own bracket fixable on both sides (Left/Right & Top/Bottom), due to the four M6 threaded inserts.

The same bracket can also be used to fix the speaker on the QuadraS - HP top panel as close coupling, creating a true stand alone Point source element.

All Quadra Full Ranges can be installed on a microphone stand or on a standard speaker stand, this one using a dedicated bracket adapter. The speakers can be tilted both cases.

A pole mounting kit allows the speaker to be installed on top of a Sub/Bass unit (QuadraS - HP, NucleoS, GammaS8), boosting its LF contour down to 45 Hz as a stand alone system.

It's reasonable to think this system usable for small-sized live performance venues, but only if properly configured.

The rear side features two 4 pole Phoenix[™] connectors, extremely helpful for installed applications.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability over time.

Quadra5 cabinet is constructed from marine Birch-ply and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

A color range (RAL Architectural program) makes all Quadra speakers, for an easy integration, most appropriate for each installation depending on the architectural and furniture requirements.



Quadra6, "The Six", is the larger speaker of the range. About 220 mm large, weighs no more than 3.5 Kg. Six, is the transducer dimension (6.5in.), featuring a coaxial Full Range driver tuned in a bass reflex vented box. The system provides a really wide frequency response from 75 Hz up to 22 kHz.

The Neodymium tweeter (0.55in.), coaxially mounted on the same Mid-bass magnet structure, delivers a really smooth and flat response for a clear and precise Mid-Hi frequency reproduction.

Logically supported in the lower frequencies, Quadra6 is capable to perform an extraordinary sound impact as you cannot expect from speakers of that size.

Designed to be easily integrated in all kind of installations where a distributed line is required, such as malls, shops, restaurants, lounge bars, it also shows itself extremely useful for residential uses and private ceremonies, physically blending in the architecture and disappearing from the sight, mostly thanks to its ultra-compact dimensions and to the customizable colors of the box and the front cloth.

A complete range of accessories makes it happen. Quadra6 can be wall/ceiling mounted using its own bracket fixable on both sides (Left/Right & Top/Bottom), due to the four M6 threaded inserts.

The same bracket can also be used to fix the speaker on the QuadraS - HP top panel as close coupling, creating a true stand alone Point source element.

All Quadra Full Ranges can be installed on a microphone stand or on a standard speaker stand, this one using a dedicated bracket adapter. The speakers can be tilted both cases.

A pole mounting kit allows the speaker to be installed on top of a Sub/Bass unit (QuadraS - HP, NucleoS, GammaS8), boosting its LF contour down to 45 Hz as a stand alone system.

The rear side features two 4 pole Phoenix™ connectors, extremely helpful for installed applications.

It's reasonable to think this system usable for small-sized live performance venues, but only if properly configured.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability over time.

Quadra6 cabinet is constructed from marine Birch-ply and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

A color range (RAL Architectural program) makes all Quadra speakers, for an easy integration, most appropriate for each installation depending on the architectural and furniture requirements.



QuadraS - HP maintains the same look of all Quadra speakers, it's boxy in appearance but simply elegant! It's an installation-specific Sub/Bass unit, featuring a single long excursion 8in. in a Band-pass design, that provides incredible High Performances, even if a small diameter transducer is in charge of it.

The Band-pass design produces significant performance benefits in terms of efficiency, low distortion and deepest bass extension down to 45 Hz (40 Hz @ -10dB), not comparable to traditional vented box of equal size, always providing a clear and smooth response for the maximum listening comfort.

QuadraS - HP has been designed to increase the Quadra Extended Range speakers headroom, boosting their LF contour and offering a really wide operating range from 40 Hz up to 20 kHz.

The close coupling of the two sub-systems (Sub/Bass and Extended Range speakers), thanks to the right alignment, allows to obtain a true stand alone Point source element, delivering a coherent wavefront output across the entire reproducible frequencies spectrum.

Two M6 threaded inserts on the top panel of QuadraS - HP make it easier and faster. A M20 built-in adapter, on the same top panel, allows all Quadra speakers to be pole mounted.

QuadraS - HP can also be hanged on the ceiling, a special bracket favors the hanging of this unit, with or without each Quadra Extended Range combined together.

QuadraS - HP is ideally suited for permanent or temporary installed specific applications and it is also particularly useful for all applications where high standard SPL are not required, as well as distributed sound in small venues, Small clubs, Lounge Bars & Restaurants and more others.

it is also an ideal companion for Home Dolby Cinema applications as well as Broadcast and Studio Recording, thanks to its ability to extend the response toward the low-end region.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability over time. QuadraS - HP cabinet is constructed from marine Birch-ply and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

A color range (RAL Architectural program) makes all Quadra speakers, for an easy integration, most appropriate for each installation depending on the architectural and furniture requirements.

Acoustic Load

LMF - MHF Full Range cone driver loaded in a closed enclosure

PERFORMANCE

Frequency Range LMF - MHF $170\,Hz$ - $20\,kHz$ (130 Hz @ -10 dB) $\,$ Crossover point N.A.

Recommended HPF System ≥ 170 Hz, 24 dB/octave Suggested System High Pass Filter ≥ 220 Hz, 24 dB/octave

Nominal Directivity
LMF - MHF

90° x 90° conical

Maximum peak SPL

Axial sensitivity (2.83V @ 1mt)

Continuos

Peak

LMF - MHF

84 dB

98 dB

104 dB



Components

LMF - MHF

1 x 2in. (50 mm) Neodymium Full Range cone driver

Nominal Impedance

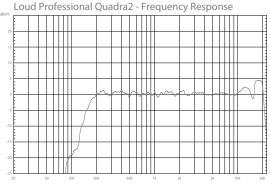
LMF - MHF

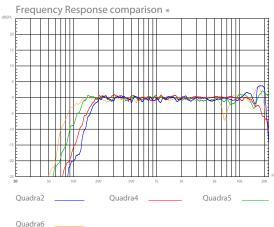
8 Ω (Internal HPF filter)

Power Handling	(AES / Peak)
LMF - MHF	25 / 100 W

Operating Mode	Amplifier Channels	Supported Processing
LMF - MHF	1	Linea Research & A+
	Cabinet per channel	Suggested Amplifiers
	1 to 4	Powersoft Mezzo Series:
	Suggested	322A / 604A & 322AD / 604AD
	4	Powersoft Quattrocanali Series:
	•	1204 DSP & DSP+D

	,W,D, (mm / in.) /eight (Kg / lbs)	In & Out Connections Description	Shell Construction Description & IP Rate
Height (Front) Height (Rear) Width (Front) Width (Rear) Depth Weight	100 / 03.93 100 / 03.93 100 / 03.93 100 / 03.93 100 / 03.93 0.5 / 01.10	1 x Phoenix™ 4 Pole connector Pin assignment: 1 LMF - MHF pos. 2 LMF - MHF neg. 3 Link 4 Link	Multi-laminate Birch-ply 9/12 mm PCP (Polyurea Cabinet Protection) - Optional custom color 1.5 mm Powder coated Metal Rigid Grille Acoustically transparer Cloth for discrete appearance - Optional custom color IP 51





 \bigstar A+ Standard Preset v_4.2 current release.



Acoustic Load LMF - MHF Full Range cone driver loaded in a closed enclosure

PERFORMANCE

Frequency Range LMF - MHF 130 Hz - 18 kHz (110 Hz @ -10 dB) Crossover point N.A.

Recommended HPF System ≥ 100 Hz, 24 dB/octave Suggested System High Pass Filter ≥ 130 Hz, 24 dB/octave

Nominal Directivity
LMF - MHF

90° x 90° conical

Maximum peak SPL

Axial sensitivity (2.83V @ 1mt)

Continuos

Peak

LMF - MHF

92 dB

108 dB

114 dB



Components

LMF - MHF

1 x 4in. (100 mm) Neodymium Full Range cone driver

Nominal Impedance

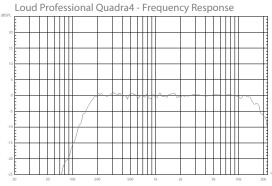
LMF - MHF

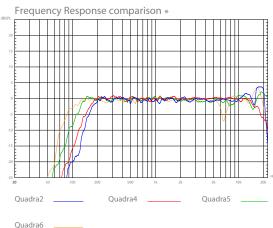
8 Ω (Internal HPF filter)

Power Handling	(AES / Peak)
LMF - MHF	40 / 160 W

Operating Mode	Amplifier Channels	Supported Processing
LMF - MHF	1	Linea Research & A+
	Cabinet per channel	Suggested Amplifiers
	1 to 4	Powersoft Mezzo Series:
	Suggested	322A / 604A & 322AD / 604AD
	4	Powersoft Quattrocanali Series:
	•	1204 DSP & DSP+D

	H,W,D, (mm / in.) Weight (Kg / Ibs)	In & Out Connections Description	Shell Construction Description & IP Rate
Height (Front Height (Rear) Width (Front) Width (Rear) Depth Weight) 130 / 05.11 130 / 05.11 130 / 05.11 130 / 05.11 130 / 05.11 0.8 / 01.70	2 x Phoenix™ 4 Pole connectors Pin assignment: 1 LMF - MHF pos. 2 LMF - MHF neg. 3 Through 4 Through	Multi-laminate Birch-ply 9/12 mm PCP (Polyurea Cabinet Protection) - Optional custom color 1.5 mm Powder coated Metal Rigid Grille Acoustically transparent Cloth for discrete appearance - Optional custom color IP 51





* A+ Standard Preset v_4.2 current release.



Acoustic Load

LMF - MHF Coaxial Full Range cone driver loaded in a closed enclosure

PERFORMANCE

Frequency Range LMF - MHF 110 Hz - 22 kHz (90 Hz @ -10 dB) Crossover point Built - in passive network

Recommended HPF System ≥ 90 Hz, 24 dB/octave Suggested System High Pass Filter ≥ 110 Hz, 24 dB/octave

Nominal Directivity
LMF - MHF

90° x 90° conical

Maximum peak SPL

Axial sensitivity (2.83V @ 1mt)

Continuos

Peak

LMF - MHF

92 dB

109 dB

115 dB



Components

 LMF
 1 x 5in. (130 mm) Neodymium cone driver

 MHF
 1 x 0.7in. (20 mm) Neodymium Tweeter

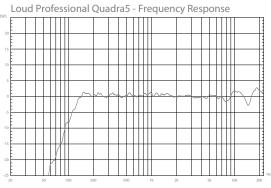
Nominal Impedance

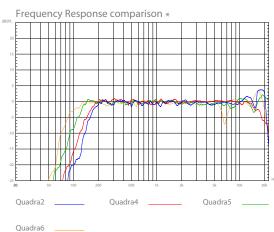
LMF - MHF 8Ω (Built - in passive network)

Power Handling (AES / Peak)
LMF - MHF 50 / 200 W

Operating Mode	Amplifier Channels	Supported Processing
LMF - MHF	1	Linea Research & A+
	Cabinet per channel	Suggested Amplifiers
	1 to 4	Powersoft Mezzo Series:
	Suggested	322A / 604A & 322AD / 604AD
	4	Powersoft Quattrocanali Series:
		1204 DSP & DSP+D

	H,W,D, (mm / in.) Weight (Kg / Ibs)	In & Out Connections Description	Shell Construction Description & IP Rate
Height (Front) Height (Rear) Width (Front) Width (Rear) Depth Weight	160 / 06.29 160 / 06.29 160 / 06.29 160 / 06.29 175 / 06.88 0.8 / 01.70	2 x Phoenix™ 4 Pole connectors Pin assignment: 1 LMF - MHF pos. 2 LMF - MHF neg. 3 Through 4 Through	Multi-laminate Birch-ply 9/12 mm PCP (Polyurea Cabinet Protection) - Optional custom color 1.5 mm Powder coated Metal Rigid Grille Acoustically transparent Cloth for discrete appearance - Optional custom color IP 51





 \bigstar A+ Standard Preset v_4.2 current release.



Acoustic Load

LMF - MHF

Coaxial Full Range cone driver loaded in a closed enclosure

PERFORMANCE

Frequency Range 90 Hz - 22 LMF - MHF

90 Hz - 22 kHz (75 Hz @ -10 dB) Crossover point Built - in passive network

Recommended HPF System ≥ 75 Hz, 24 dB/octave Suggested System High Pass Filter ≥ 90 Hz, 24 dB/octave

Nominal Directivity
LMF - MHF

90° x 90° conical

Maximum peak SPL

Axial sensitivity (2.83V @ 1mt)

Continuos

Peak

LMF - MHF

92 dB

109 dB

115 dB



Components

LMF 1 x 6.5in. (165 mm) Neodymium cone driver

MHF 1 x 0.7in. (20 mm) Neodymium Tweeter

Nominal Impedance

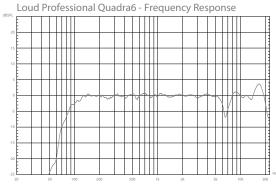
LMF - MHF 8Ω (Built - in passive network)

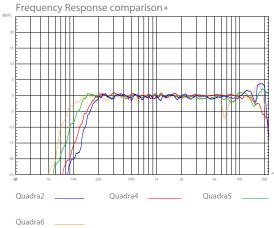
Power Handling (AES / Peak)

LMF - MHF 50 / 200 W

Operating Mode	Amplifier Channels	Supported Processing
LMF - MHF	1	Linea Research & A+
	Cabinet per channel	Suggested Amplifiers
	1 to 4	Powersoft Mezzo Series:
	Suggested	322A / 604A & 322AD / 604AD
	4	Powersoft Quattrocanali Series:
		1204 DSP & DSP+D

	H,W,D, (mm / in.) Weight (Kg / Ibs)	In & Out Connections Description	Shell Construction Description & IP Rate
Height (Front) Height (Rear) Width (Front) Width (Rear) Depth Weight	220 / 08.66 220 / 08.66 220 / 08.66 220 / 08.66 250 / 09.84 3.5 / 07.71	2 x Phoenix™ 4 Pole connectors Pin assignment: 1 LMF - MHF pos. 2 LMF - MHF neg. 3 Through 4 Through	Multi-laminate Birch-ply 9/12 mm PCP (Polyurea Cabinet Protection) - Optional custom color 1.5 mm Powder coated Metal Rigid Grille Acoustically transparer Cloth for discrete appearance - Optional custom color IP 51





 \divideontimes A+ Standard Preset v_4.2 current release.



System Type Acoustic Load
LF Band-pass, Double Reflex loaded enclosure

PERFORMANCE

Frequency Range LF	45 Hz - 110 Hz (40 Hz @ -10dB)	Crossover points 40 Hz - 90 / 120 Hz
	Recommended System HPF ≥ 40 Hz, 24 dB/octave Suggested System High Pass Filter ≥ 45 Hz, 24 dB/octave	

Maximum peak SPL	Axial sensitivity (2.83V @ 1mt)	Continuos	Peak
Nominal Directivity LF	Omnidirectional		



Components

LF 1 x 8in. (200mm) Ferrite cone driver

Nominal Impedance

LF 8Ω

Power Handling	(AES / Peak)
LF	350 / 1.400 W

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-15		+	Н	Н	H	+	H	$\overline{}$				_	Н	$^{+}$	Н				Н	+	t	H		+	1
-20		+			H	+	+	+					H	+	Н						+	H		+	1
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* A+ Standard Preset v_4.2 current release.

Operating Mode	Amplifier Channels	Supported Processing			
LF	1	Armonia Pro Audio Suite & A+			
	Cabinet per channel	Suggested Amplifiers			
	1 to 4	Powersoft Quattrocanali Series:			
	Suggested	2404 - 4804 DSP + D			
	$\overline{3(2.7\Omega\text{nom. load per ch.})}$	Powersoft T Series: T304			

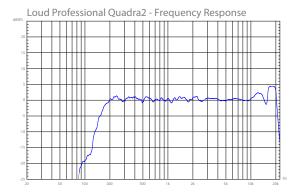
Height (Front) 425 / 16.73 2 x Phoenix™ 4 Pole Multi-laminate Height (Rear) 425 / 09.68 connectors Birch-ply 18 mm				
Height (Rear) 425 / 09.68 connectors Birch-ply 18 mm	Dimensions			Shell Construction Description & IP Rate
, , ,	Height (Rear Width (Front Width (Rear) Depth	425 / 09.68 425 / 23,62 425 / 23,62 425 / 19.68	connectors Pin assignment: 1 LF pos. 2 LF neg. 3 Through	Birch-ply 18 mm PCP (Polyurea Cabinet Protection) - Optinal custom color

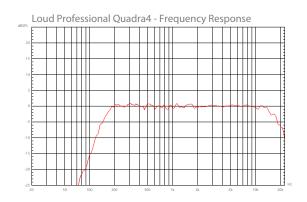


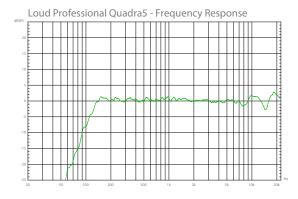
3.1

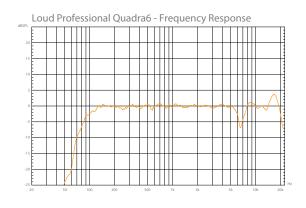
1 - Frequency response.

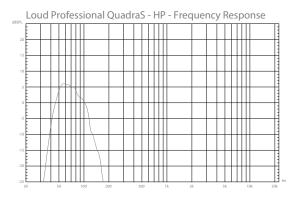
The graphs below show the frequency response referred to a single box, measured with 1W applyed (2.83V) in free field, at 1 meter distance.

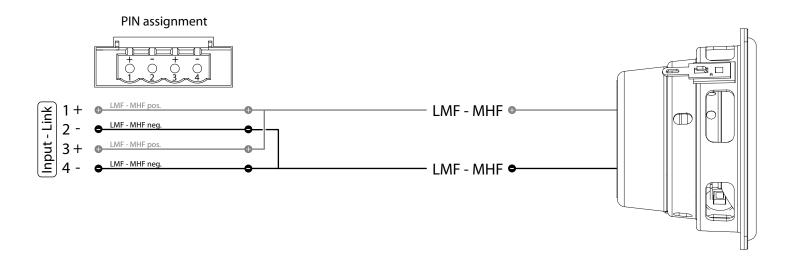


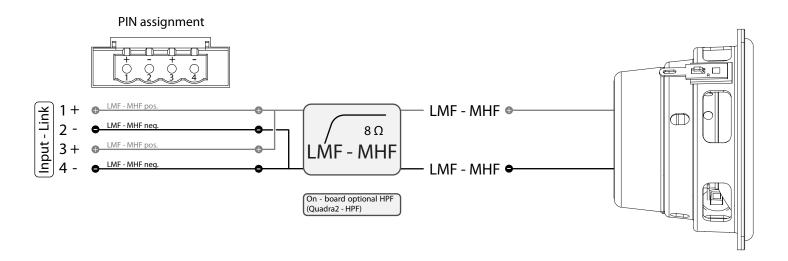


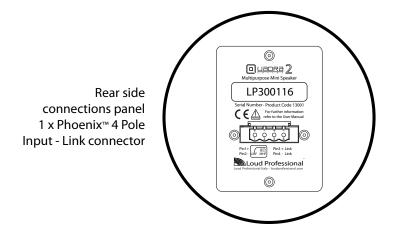


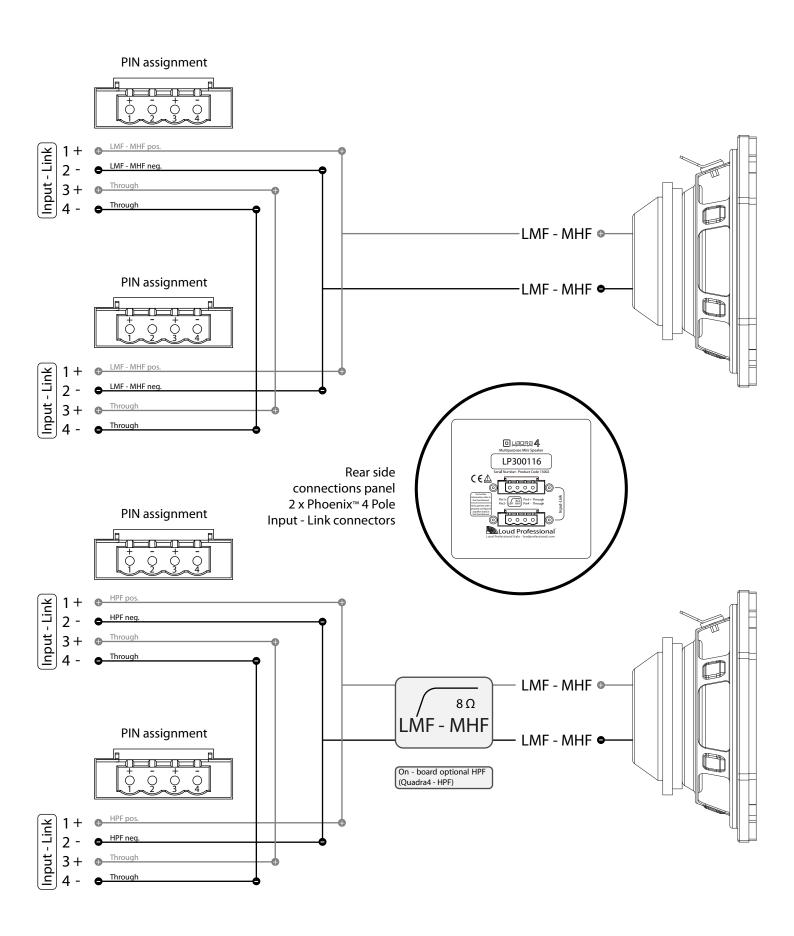


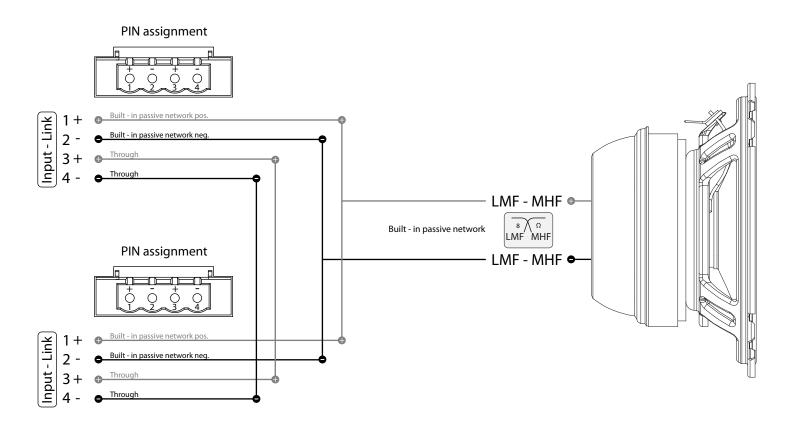


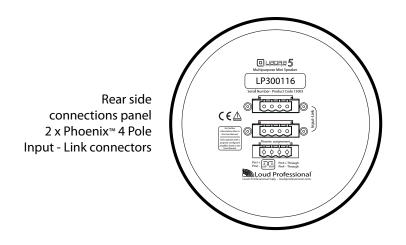


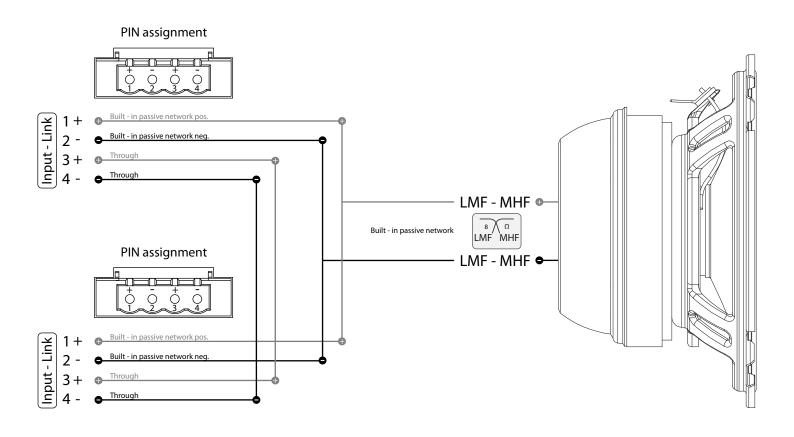


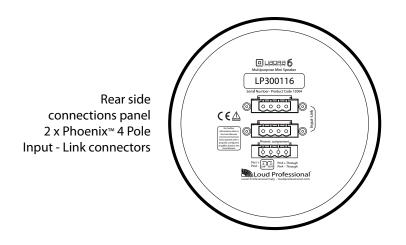


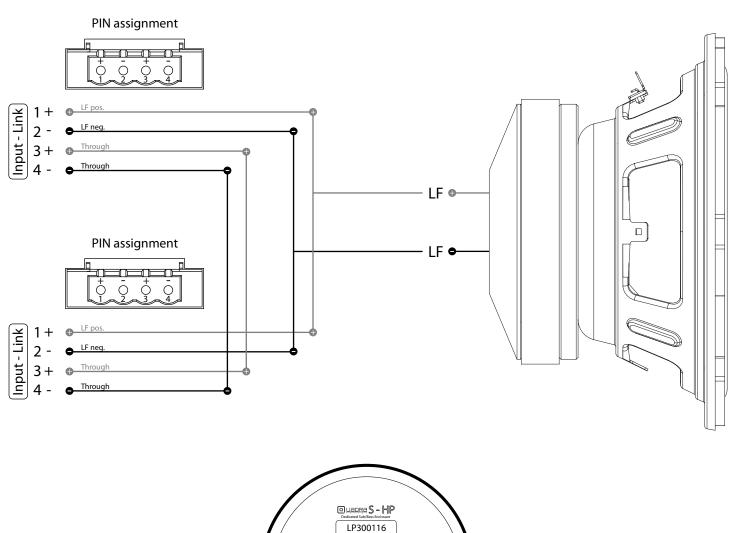


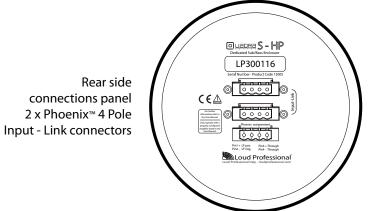






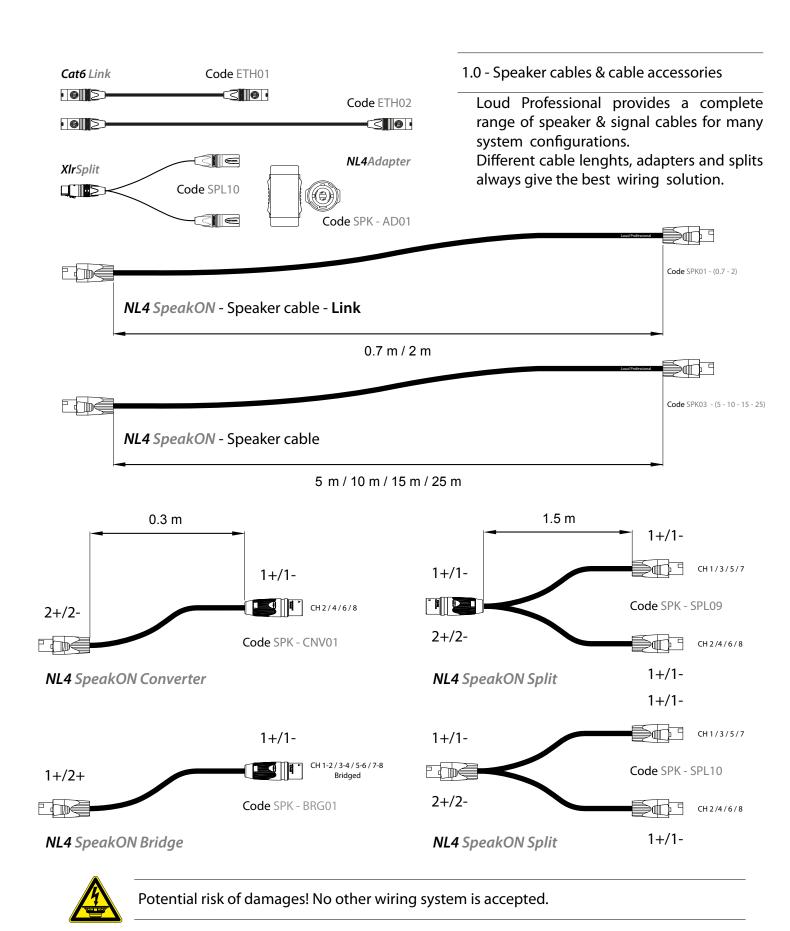


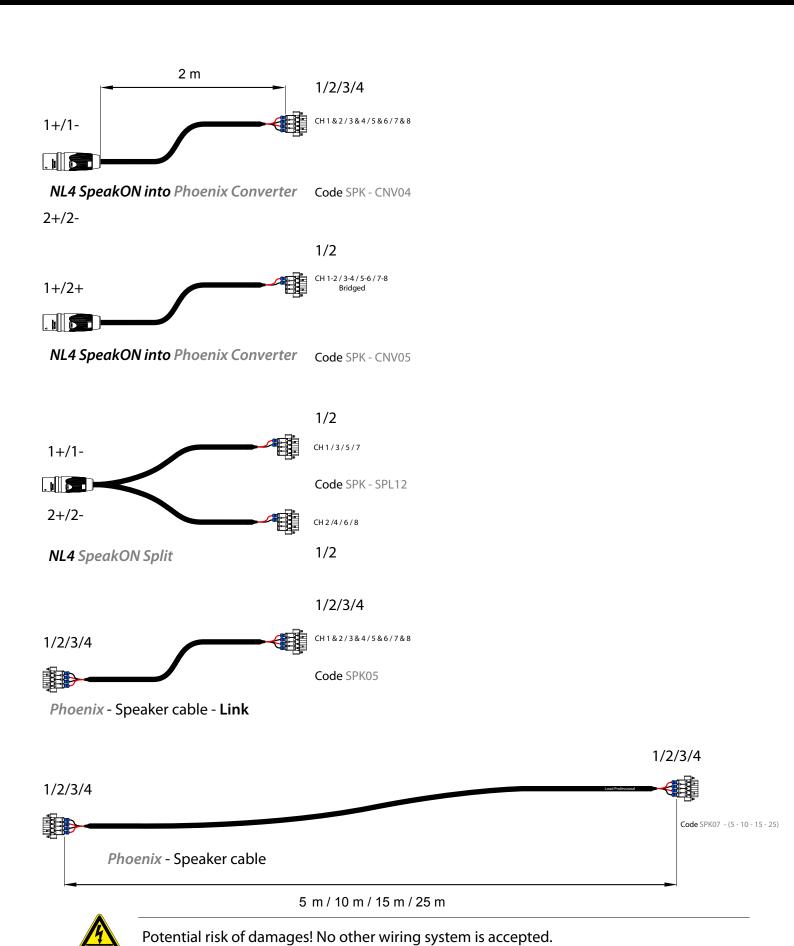




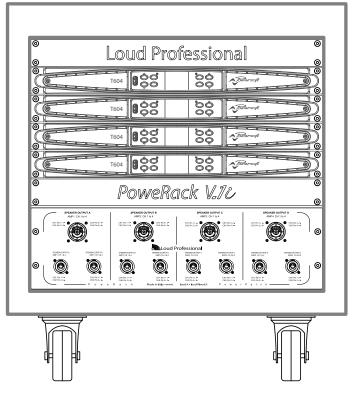
Quadra2







Armonia V 2.11.4 & A+

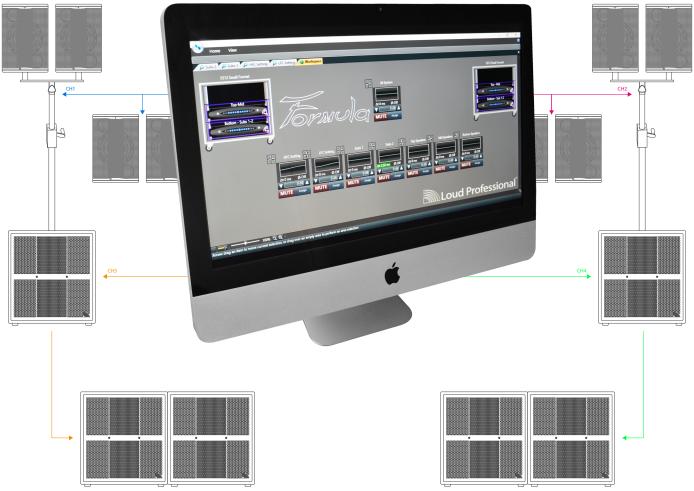


1.0 - Armonia - Management Software.

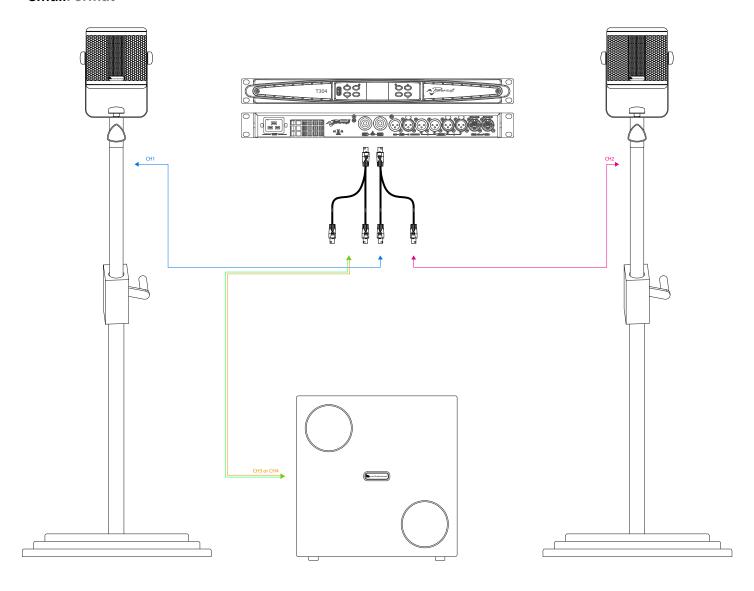
management software on the market, Armonia, intuitive and interactive, is the perfect fit for all everyday need. Factory speaker presets, dedicated settings, special system configurations and sophisticated projects can be easily uploaded on the amplifiers, more quickly getting the system ready to work, always obtaining the best performaces for every application.

Thought to be the most efficient audio

The *Armonia Presets Library v 4.1* current release can be directly dowloaded from the website (Service & Support / Downloads section).



SmallFormat





- A x 1 Powersoft T304
- B x 2 Quadra2/4/5/6 (with BRK Q 03)
- C x 1 QuadraS HP
- D x 2 Floor Stand Kit (SPK PL03 + SPK DR 02)
- E x 3 Speaker Cable SPK03 15
- F x 2 Speaker Cable SPK SPL09
- G x 3 NL4 Adapter SPK AD01
- H x 3 NL4 Conventer SPK CNV05





















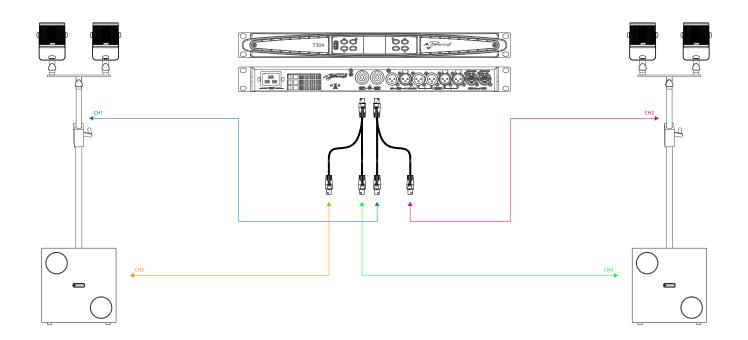






Attention! Assembly operations should always be carried out by authorized personnel.

MediumFormat





- A x 1 Powersoft T304
- B x 4 Quadra2/4/**5**/6 (BRK Q 03 / SPK-A)
- C x 2 QuadraS-HP
- D x 2 Distance Rod (SPK DR 02)
- E x 2 Speaker Mountig Fork (SPK MF)
- F x 4 Speaker Cable SPK03 15
- G x 2 Speaker Cable SPK SPL09
- H x 4 NL4 Adapter SPK AD01
- I x 4 NL4 Conventer SPK CNV05
- L x 2 Phoenix Speaker Cable Link SPK05





















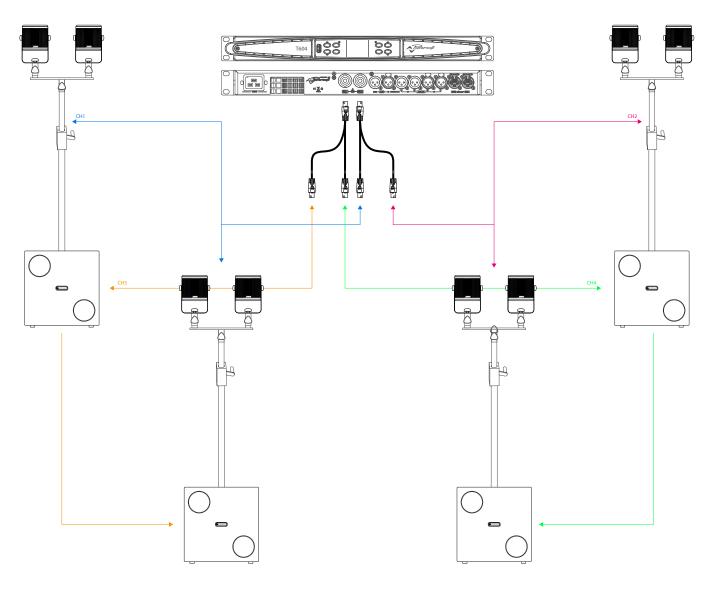






Attention! Assembly operations should always be carried out by authorized personnel.

LargeFormat





- A x 1 Powersoft T304
- B x 4 Quadra2/4/5/6 (BRK Q 03 / SPK-A)
- C x 2 QuadraS HP
- D x 2 Distance Rod (SPK DR 02)
- E x 2 Speaker Mountig Fork (SPK MF)
- F x 4 Speaker Cable SPK03 15
- G x 2 Speaker Cable SPK SPL09
- H x 4 NL4 Adapter SPK AD01
- I x 4 NL4 Conventer SPK CNV05
- L x 4 Phoenix Speaker Cable Link SPK05
- M x 2 Phoenix Speaker SPK07 15



























Attention! Assembly operations should always be carried out by authorized personnel.

Mezzo Series RANGE



MODEL	2Ω	4Ω	8Ω	CH
324 AD	80 W	80 W	80 W	04
602 AD	150 W	150 W	150 W	02
604 AD	150 W	150 W	150 W	04



Quattrocanali RANGE



MODEL	2 Ω	4Ω	8Ω	70/100 V	СН
1204	400 W	300 W	300 W	300 W	04
2404	800 W	600 W	600 W	600 W	04
4804	1500 W	1200 W	1200 W	1200 W	04
8804	1800 W	2400 W	1600 W	2000 W	04



T Series RANGE



MODEL	2Ω	4Ω	8Ω	СН
T302	1200 W	1500 W	1500 W	02
T304	750 W	750 W	750	04
T604	1500	1500	1250 W	04





	Speakers Amplifiers	Quadra2	Quadra4	Quadra5	Quadra6	QuadraS-HP
	Mezzo 324 AD	2 *	1 *	2 *	2 *	1 *
	Mezzo 602 AD	2	2	3	3	1
fiers	Mezzo 604 AD	4	4	4	4	1
Amplifiers	1204					1/2 * *
	2404					1
gested	4804					2
Sug	8804					4
	T302					2
	T304					1/2
	T604					2/4

 \square Suggested

☐ Strongly Suggested

 \square Allowed v_8 Ω

 \bigcirc Allowed v_16 Ω

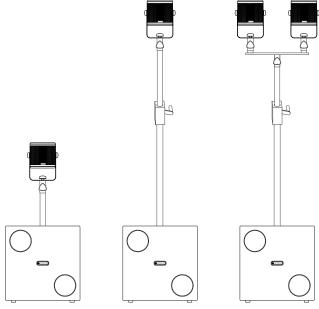
Preferences are evaluated maximizing the RMS output voltage of each amplifier channel. This is calculated optimizing its minimum load impedance. Red boxes show the suggested amplifers, while the blue & the yellow ones show those admitted by recommending the number of speakers according to their 8 or 16 Ω versions, when availables. The various combinations inevitably consider the power handling of the speakers by maximizing the amplifier-speaker couplings. It is strongly recommended to diversify the amplifer output sections: hybrid configurations of full range and subwoofer systems are most suited.

** Pair of bridged chanlles into 8 or 4 Ω load, 1 or 2 paralled speakers.

DistanceRod

Code SPK - DR - (01 - 02 - 03 - 04)





ShortAdapter

Code SPK - SA (RL - TC)

SpeakerMountingFork

Code SPK - MF







Speaker Adapter

Code SPK - A

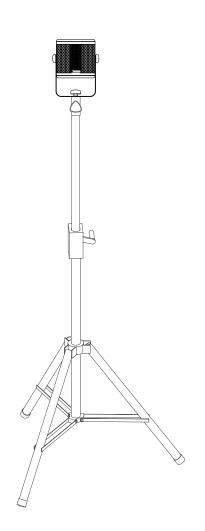


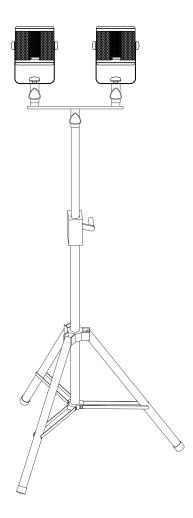
Loud Professional

SpeakerStand

Code SPK-ST - 01







SpeakerPlate Code SPK - PL - (01 - 02 - 03)



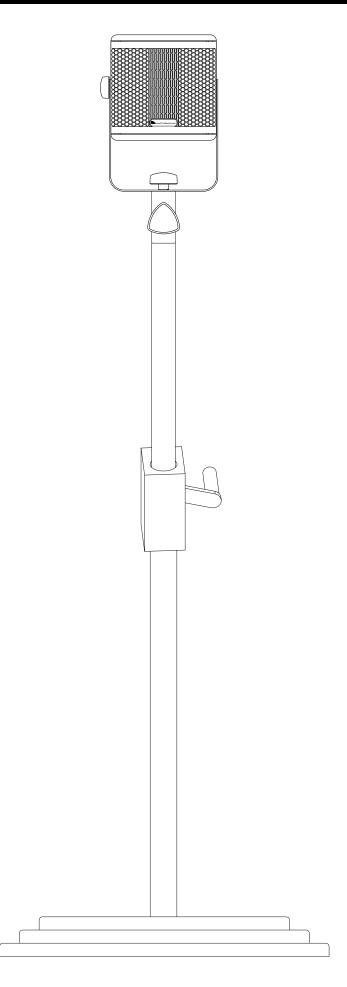
Speaker Plate 01



Speaker Plate 02



Speaker Plate 03



Loud Professional

4

SpeakerBracket - Quadra2/4/5/6 Vertical/Horizontal Suspension Bracket

Code BKT - Q - (01/02/03/04)





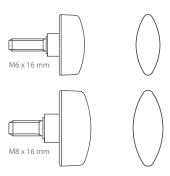


SpeakerBracket - Quadra2/4/5/6 M6 - M8 Wing Knob



Code BKT - Q - WK - (01/02)

BKT - G - WK - 01 (M6 x 30 mm - n.04 related to BKT - Q - 02/04/06) BKT - G - WK - 02 (M8 x 16 mm - n.02 related to BKT - Q - 01/03/05/07/09/11)



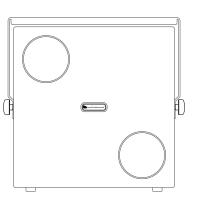
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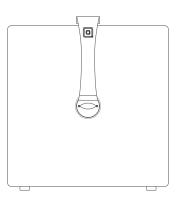
4

SpeakerBracket - QuadraS - HP Vertical Suspension Bracket



Code BKT - Q - 05



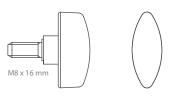


SpeakerBracket - QuadraS - HP M8 Wing Knob

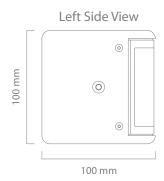


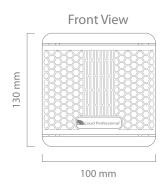
Code BKT - Q - WK - 02

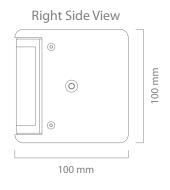
BKT - G - WK - 02 (M8 x 16 mm - n.02 related to BKT - G - 13)

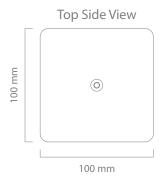


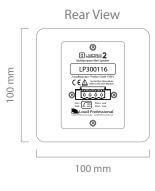
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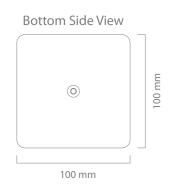




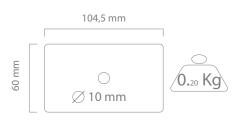


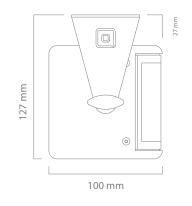


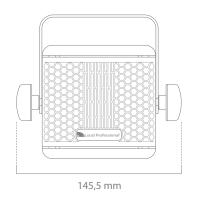


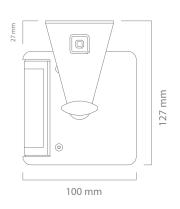


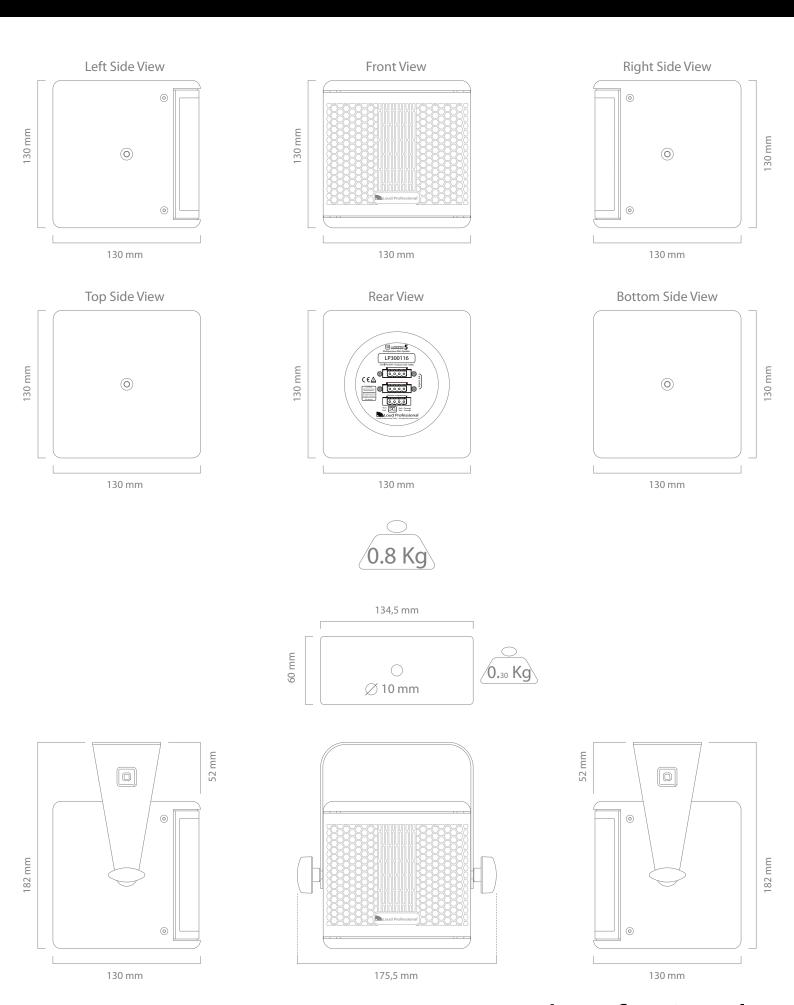


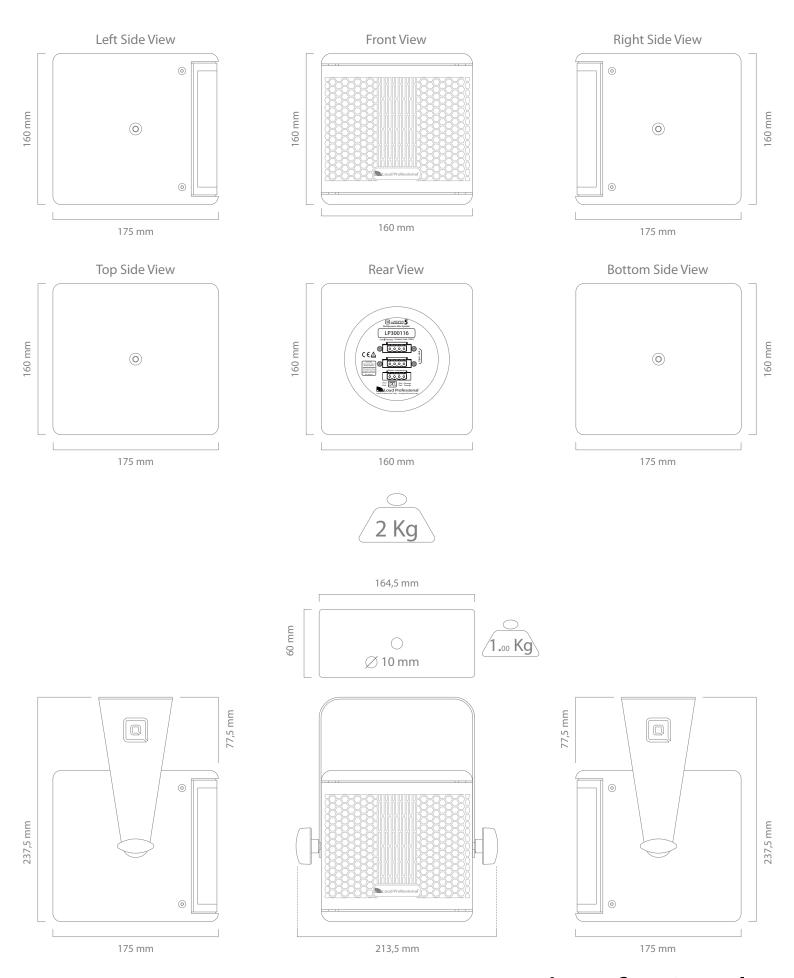


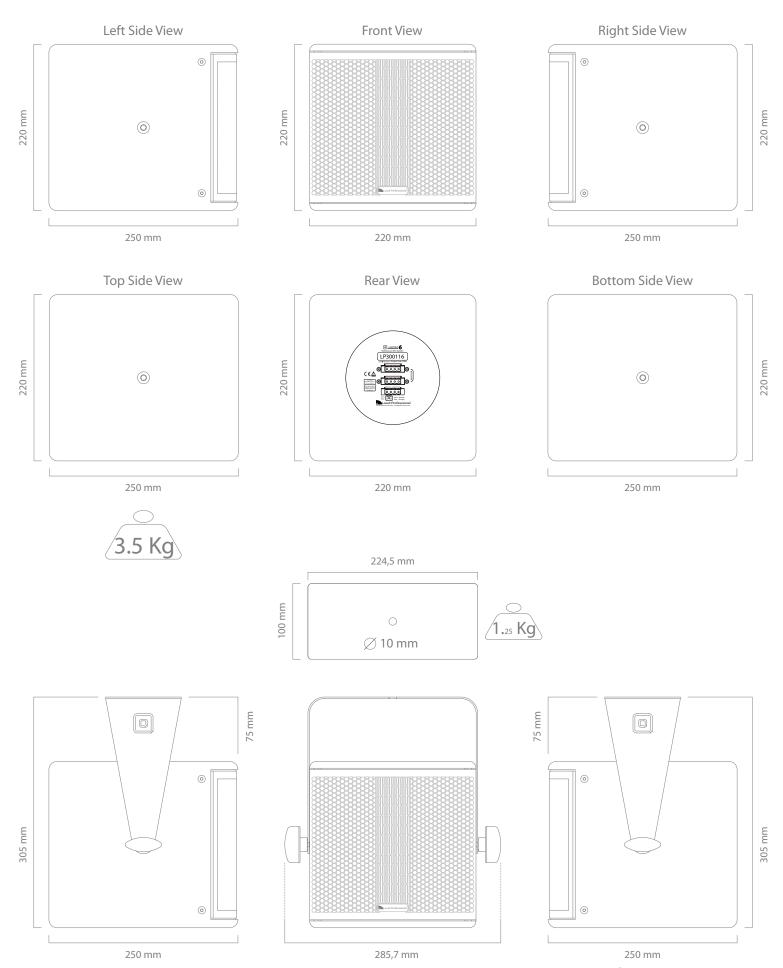


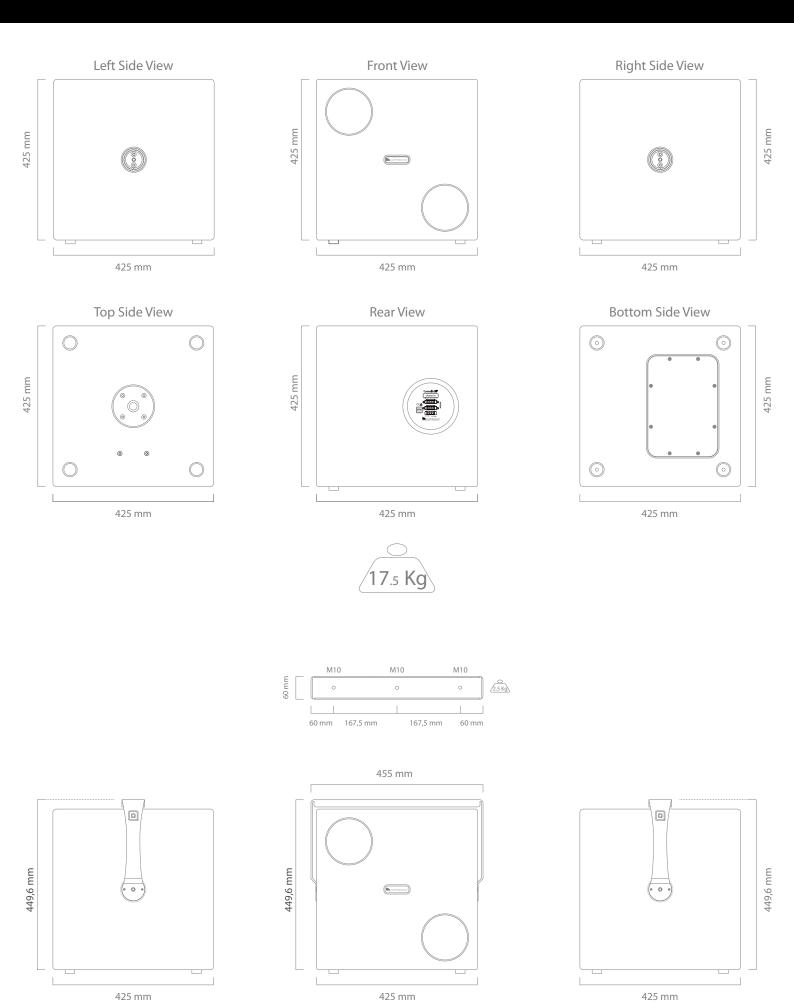




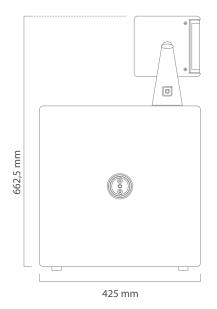


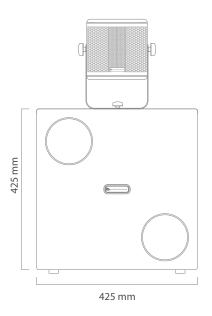


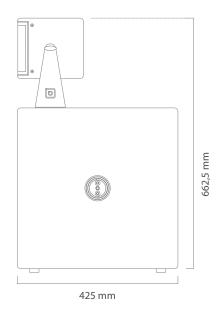




Loud Professional













Dichiarazione di conformità

Il sottoscritto Valerio Cherubini

In qualità di legale rappresentante della ditta LOUD PRO S.R.L.

con sede in Sede: Via Sebino 29 – 00198 – Roma (RM)

Partita IVA: 14234841006

Dichiara

che i prodotti della serie: Loud Professional Quadra Series

modelli: Quadra2, Quadra4, Quadra5, Quadra6 e QuadraS - HP

con fabbricazione nel corso dell'anno: 2021 e precedenti

Sono stati fabbricati rispettando le seguenti direttive e norme:

- Direttiva 2014/35/UE nota come "Direttiva bassa tensione"
- Direttiva 2014/30/UE nota come "Direttiva compatibilità elettromagnetica"
- Direttiva 2011/65/CE nota come "RoHS"
- Direttiva 2012/19/UE nota come "RAEE"
- Direttiva 2001/95/CE nota "Sicurezza generale dei prodotti"
- EN 55103-1:2009 /A1:2012
- EN 55103-2:2009 /IS:2012
- EN 60065:2014 /AC:2016

sono quindi conformi alle direttive ed alle normative vigenti.

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante.

Data: 01/01/2021

Firma: Value Olenh



Via Lauro, 95 Cadoneghe Padova Italy

Consulenti e Periti per : Guardia di Finanza, Tributaria, Autorità Doganali, Carabinieri, Polizia di Stato, Unioncamere, Tribunali.

L'analisi dei rischi, il manuale e la documentazione che costituisce il fascicolo tecnico è stata verificata dall'ing. Renato Carraro

Via Sebino 29 00199 Roma, Italia Ph. Fax: +39.06.35.29.89.13



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