



# SCREEN SYSTEMS

# LW 8000

**MCA** Media Center  
Audiovisual  
2 year guarantee

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

The LW 8000, the smaller of the range and ready for small cinemas up to 15 m length, is not bi-amped anymore. It now includes a passive filter for bass/medium cut off, and of course the internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

If you own a cinema with a wide angle of seats, the extreme right and left seats will never be able to understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

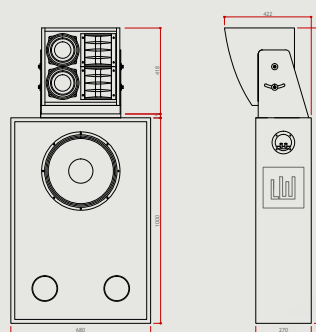
The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.

To save labour costs, it is delivered pre-assembled and packaged in two cartons.

## SPECIFICATIONS

<b>BASS:</b>	1 x 15" speaker with 2,5" voice coil
<b>MID:</b>	2 x 6" speakers with 1,46" voice coil
<b>TREBLE:</b>	2 x 1" driver with 1" voice coil
<b>HORN:</b>	2 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	Bass system, 300W AES/600W Prg. 8 ohm. Medium/treble system 310W AES/620W Prg. 4 ohm.
<b>SENSITIVITY:</b>	101dB, SPL 128,5dB, SPL 131,5dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	39/22.000 Hz. For the biamp cut off frequency, please use our LW 8080 processor, which is delivered with all necessary presets, or a single crossover working at 200Hz.
<b>SIZE:</b>	143,7 x 68 x 42,2 cm.
<b>WEIGHT:</b>	Net 55.5 kg.



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# LW 8001-BI V2

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

The LW 8001-BI V2, the second of the range and ready for small cinemas up to 15 m length includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

If you own a cinema with up to 300 seats and a wide angle of seats, the extreme right and left seats will never be able to understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

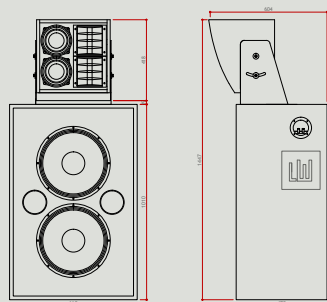
The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.

To save labour costs, it is delivered pre-assembled and packaged in two cartons.

## SPECIFICATIONS

<b>BASS:</b>	2 x 15" speaker with 2,5" voice coil
<b>MID:</b>	2 x 6" speaker with 1,46" voice coil
<b>TREBLE:</b>	2 x 1" driver with 1" voice coil
<b>HORN:</b>	2 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	Bass system, 600W AES/1200W Prg. 4 ohm. Medium/treble system 310W AES/620W Prg. 4 ohm.
<b>SENSITIVITY:</b>	LF Unit: 100dB/1W/1m. - SPL 127dB - SPL 130dB with musical criteria MHF unit: 95dB/1W/1m. - SPL 120dB - SPL 123dB with musical criteria
<b>FREQUENCY RESPONSE:</b>	37/22.000 Hz. For bi-amp cut off frequency use a single crossover working at 150Hz. We recommend using our LW 8080 processor, which is delivered with all necessary presets.
<b>SIZE:</b>	144,7 x 66 x 60,4 cm.
<b>WEIGHT:</b>	Net 69.5 kg.



# LW 8002-BI

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Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

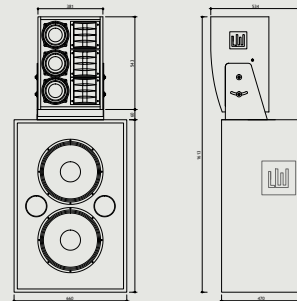
The LW 8002-BI, the third of the range and ready for medium cinemas up to 29m length includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

If you own a cinema with up to 300 seats and a wide angle of seats, the extreme right and left seats will never be able to understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea. To save labour costs, it is delivered pre-assembled and packaged in two cartons.

SPECIFICATIONS	
<b>BASS:</b>	2 x 15" speaker with 2,5" voice coil
<b>MID:</b>	3 x 6" speaker with 1,46" voice coil
<b>TREBLE:</b>	3 x 1" driver with 1" voice coil
<b>HORN:</b>	3 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	Bass system, 600W AES/1200W Prg. 4 ohm. Medium/treble system 465W AES/930W Prg. 5 ohm.
<b>SENSITIVITY:</b>	LF unit: 100dB/1W/1m. Half space - SPL 127dB - SPL 130dB with musical criteria MHF unit: 97dB/1W/1m. half space - SPL 124dB - SPL 127dB with musical criteria
<b>FREQUENCY RESPONSE:</b>	37/22.000 Hz. For biamp cut off freq. please use our LW-8080 DSP Processor, which is delivered with all necessary presets, or a single crossover working at 150Hz.
<b>SIZE:</b>	161,3 x 66 x 61,2 cm.
<b>WEIGHT:</b>	Net 80.5 kg.



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# LW 8003-BI

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

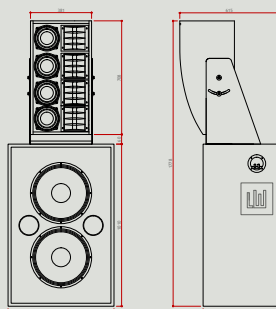
Because the more Line Array units the better to achieve its effect, the LW 8003-BI best seller of the range, is ready for cinemas up to 35m length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

If you own a cinema with up to 450 seats and a wide angle of seats, the extreme right and left seats will never be able to understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea. To save labour costs, it is delivered pre-assembled and packaged in two cartons.

SPECIFICATIONS	
<b>BASS:</b>	2 x 15" speaker with 4" voice coil
<b>MID:</b>	4 x 6" speaker with 1,46" voice coil
<b>TREBLE:</b>	4 x 1" driver with 1" voice coil
<b>HORN:</b>	4 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	Bass system, 1400W AES/2800W Prg. 4 ohm. Medium/treble system 620W AES/1240W Prg. 4 ohm.
<b>SENSITIVITY:</b>	Complete assembly: SPL 133dB - SPL 136dB with musical criteria LF Unit: Sens. 101dB 1W/1m- Half space - SPL 132,5dB - SPL 135,5dB with musical criteria MHF unit: Sens. 98,7dB 1W/1m. Free field - SPL 126dB - SPL 129dB with musical criteria
<b>FREQUENCY RESPONSE:</b>	28/22.000 Hz. For biamp cut off freq. please use our LW-8080 DSP Processor, which is delivered with all of the necessary presets or perhaps a single crossover (or crossover inside the cinema processor) working at 120/150Hz.
<b>SIZE:</b>	177,8 x 66 x 61,5 cm.
<b>WEIGHT:</b>	85 + 39,5 kg.. total weight 124,50 Kg.





# LW 8005-BI

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

Because the more Line Array units the better to achieve its effect, the LW 8005-BI is the only solution for large cinemas when a premium quality is needed. It is ready for cinemas up to 40m length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

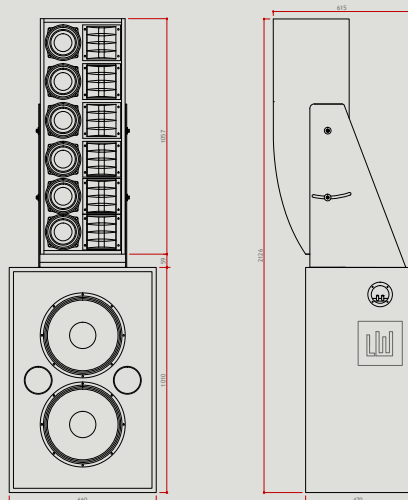
If you own a cinema with up to 550 seats and a wide angle of seats, the extreme right and left seats will never be able to understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea. To save labour costs, it is delivered pre-assembled and packaged in two cartons.

## SPECIFICATIONS

<b>BASS:</b>	2 x 15" speaker with 4" voice coil
<b>MID:</b>	6 x 6" speaker with 1,46" voice coil
<b>TREBLE:</b>	6 x 1" driver with 1" voice coil
<b>HORN:</b>	6 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	Bass system, 1400W AES/2800W Prg. 4 ohm. Medium/treble system 930W AES/1860W Prg. 4 ohm.
<b>SENSITIVITY:</b>	Complete assembly: SPL 135dB - SPL peak 138dB LF Unit: Sens. 101dB 1W/1m. Half space - SPL 132,5dB - SPL 135,5dB with musical criteria HMF unit: Sens. 101,5dB 1W/1m. Free field - SPL 130,3dB - SPL 133,3dB with musical criteria
<b>FREQUENCY RESPONSE:</b>	28/22.000 Hz. For biamp cut off freq. please use our LW-8080 DSP Processor, which is delivered with all necessary presets.
<b>SIZE:</b>	212,6 x 66 x 61,6 cm.
<b>WEIGHT:</b>	85 Kg. (bass unit) + 59,5 Kg. (medium-treble unit). Total weight 144,50 Kg.



# LW 8007-BI/TRI

This LW 8007-BI/TRI system marked the start of the modular character of the 8000 series. This is not exactly a 3 way, but needs 3 amplifier channels. Because the upper section of the Line Array covers theater boxes or distant seats, it will work at a higher pressure than the lower section. Thus, for the bigger cinemas you could customize the system, combining the number of Line Array units (models LW 8201 and LW 8203 installed over the basic units LW 8105) to cover the complete audience with different amplifier channels. And, why not, what about one LW 8105 installed in reverse position over another LW 8105? Just an example!!! And that's why, the LW 8000 series is a modular system.

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

Because the more Line Array units the better to achieve its effect, the LW 8007-BI is the definitive solution for the biggest cinemas when a premium quality is needed. It is ready for cinemas up to 50m length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).



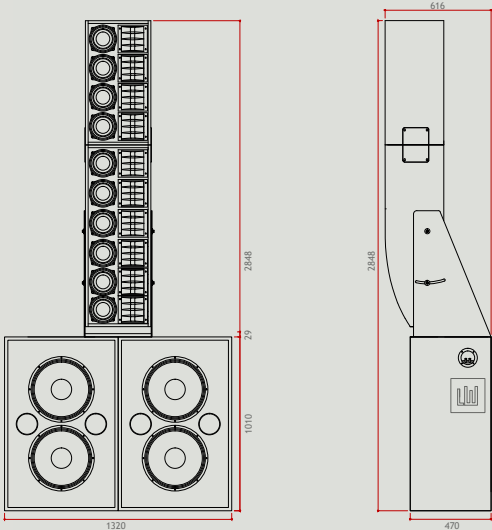
If you own a cinema with up to 800/1000 seats and a wide angle of seats, the extreme right and left seats will never be able to understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity. And if you have a bigger cinema, very easy: profit from the modular character of the LW 8000 series!!!

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.

To save labour costs, it is delivered pre-assembled and packaged in four cartons.

SPECIFICATIONS	
BASS:	4 x 15" speaker with 4" voice coil
MID:	10 x 6" speaker with 1,46" voice coil (two sections)
TREBLE:	10 x 1" driver with 1" voice coil (two sections)
HORN:	10 x Isophasic ABS horns (two sections) 180° x 12° each. With pan/tilt adjustment.
POWER:	Bass system, 2800W AES/5600W Prg. 4+4 ohm. 6 units medium/treble system 930W AES/1860W Prg. 4 ohm. 4 units Medium/treble system 620W AES/1240W Prg. 4 ohm.
SENSITIVITY:	Complete assembly: SPL 133dB - SPL peak 136dB LF Unit: Sens. 104dB 1W/1m. Half space - SPL 135,8dB - SPL 138,8dB with musical criteria MHF 6 units: Sens. 101,5dB 1W/1m. Free field - SPL 130,3dB - SPL 133,3dB with musical criteria MHF 4 units: Sens. 98,7dB 1W/1m. Free field - SPL 126dB - SPL 129dB with musical criteria
FREQUENCY RESPONSE:	24/22.000 Hz. For biamp cut off freq. please use our LW-8080 DSP Processor, with the necessary presets included.
SIZE:	284,8 x 132 x 61,6 cm.
WEIGHT:	85x2 Kg. (bass units) + 59,5+39,2 Kg. (medium-treble unit). Total weight 268,70 Kg.



# LW 8008-LED BI

This system is specially designed for the center channel on LED screen installations.

This LW 8008-LED is another application of the modular character of the LW 8000 series. This is not exactly a 3 way, but it needs 3 amplifier channels as the upper section of the Line Array is working OVER the LED Screen, and the lower section of the Line Array plus the bass section is working UNDER the LED Screen. Our LW-8080 DSP Processor speakers management processor will adjust the necessary delay between Upper and Lower sections. What about the Left and Right Screen channels? Use normal LW 8003-BI or LW 8005-BI at the left and right sides of the LED Screen.

## SPECIFICATIONS

<b>BASS:</b>	2 x 15" speaker with 4" voice coil
<b>MID:</b>	8+8 x 6" speaker with 1,46" voice coil (four sections)
<b>TREBLE:</b>	8+8 x 1" driver with 1" voice coil (four sections)
<b>HORN:</b>	8+8 x Isophasic ABS horns, 180° x 12° each. (four sections) With pan/tilt adjustment.
<b>POWER:</b>	Bass system, 1400W AES/2800W Prg. 4 ohm. Medium/treble system 1240+1240W AES/2480W+2480W Prg. 8+8 ohm.
<b>SENSITIVITY:</b>	Complete assembly: Lower section 104dB 1W/1m. SPL 138,2dB - SPL peak 141,2dB Top section 97dB 1W/1m. SPL 128dB - SPL peak 131 dB LF unit: Sens. 102dB 1W/1m. Half space - SPL 133,5dB - SPL 136,5dB with musical criteria HMF unit: Lower section 97dB 1W/1m. SPL 128dB - SPL peak 131 dB with musical criteria Top section 97dB 1W/1m. SPL 128dB - SPL peak 131 dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	28/22.000 Hz. For biamp cut off freq. please use our LW-8080 DSP Processor using the included presets.
<b>SIZE:</b>	"Bass unit: 100,1 x 142,2 x 40,9 cm. Medium-treble unit: 38,1 x 142,2 x 34 cm."
<b>WEIGHT:</b>	95 Kg. (bass unit) + 76+76 Kg. (medium-treble unit)

And that's why, the LW 8000 series is a modular system. Better panoramic effect between the three screen channels, same acoustic pressure on every seat of the audience, perfect intelligibility for dialogs, the solution for the bad passive acoustics of so many cinemas.

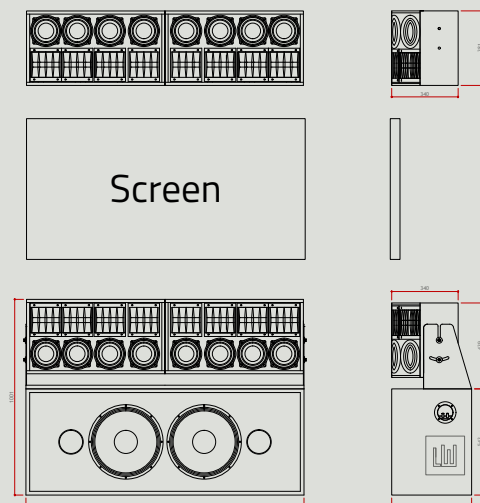
Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

As more LA units are the better for the Line Array effect, the LW 8008-LED is the definitive solution for the LED Screens when a premium quality is needed. This system is ready for cinemas up to 50 m. length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

The quality is superb when working with the LW-8080 DSP Processor, our speaker processor/management having the presets of every model.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.

To save labour costs, it is delivered pre-assembled and packaged in five cartons.





# LW 8101

Continuing with the modular character of the LW 8000 Series, what to do if your bass section is in good condition but the treble frequencies must be removed because the cinema has problems with reverberation or intelligibility? Our suggestion is to install this LW 8101 unit OVER your bass unit.

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

This LW 8101 passive system delivers good medium and treble frequencies for

cinemas up to 15m length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

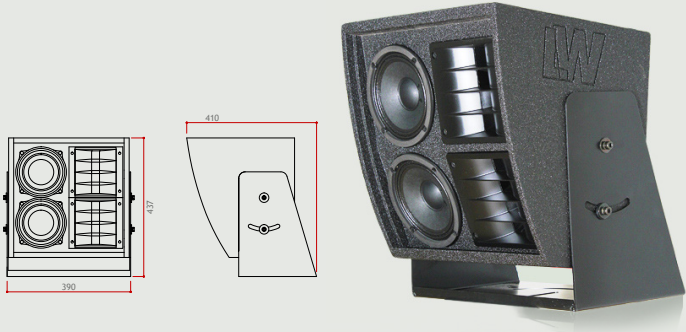
If you have a cinema with a wide angle of seats, the extreme right and left chairs will never understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model. Thus, you decide what kind of LW subwoofers and LW surrounds you are going to install, if needed.

To preserve the “TIMBRE” of the complete installation, why not use the LW 8000 Series surrounds?

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea. To save labour costs, it is delivered pre-assembled and packaged in one carton.

SPECIFICATIONS	
MID:	2 x 6" speaker with 1,46" voice coil
TREBLE:	2 x 1" driver with 1" voice coil
HORN:	2 x isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
POWER:	310W AES/620W Prg. 4 ohm.
SENSITIVITY:	Sens. 95dB 1W/1m. Free field SPL 120dB SPL 123dB with musical criteria
FREQUENCY RESPONSE:	60/22.000 Hz.
SIZE:	43,7 x 39 x 41 cm.
WEIGHT:	Net 20 kg.



# LW 8102

Continuing with the modular character of the LW 8000 Series, what to do if your bass section is in good condition but the treble frequencies must be removed because the cinema has problems with reverberation or intelligibility? Our suggestion is to install this LW 8102 unit OVER your bass unit.

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

This LW 8102 passive system delivers good medium and treble frequencies for cinemas up to 29m length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

If you have a cinema with a wide angle of seats, the extreme right and left chairs will never understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model. Thus, you decide what kind of LW subwoofers and LW surrounds you are going to install, if needed.

To preserve the “TIMBRE” of the complete installation, why not use the LW 8000 Series surrounds?

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea. To save labour costs, it is delivered pre-assembled and packaged in one carton.

SPECIFICATIONS	
MID:	3 x 6" speaker with 1,46" voice coil
TREBLE:	3 x 1" driver with 1" voice coil
HORN:	3 x Isophasic ABS horns 180° x 12° each. With pan/tilt adjustment.
POWER:	Medium/treble system 465W AES/930W Prg. 5 ohm.
SENSITIVITY:	MHF unit. 97dB/1W/1m. half space SPL 124dB SPL 127dB with musical criteria.
FREQUENCY RESPONSE:	62/22.000 Hz.
SIZE:	60,3 x 39 x 41 cm.
WEIGHT:	Net 29.5 kg.





# LW 8103

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Continuing with the modular character of the LW 8000 Series, what to do if your bass section is in good condition but the treble frequencies must be removed because the cinema has problems with reverberation or intelligibility? Our suggestion is to install this LW 8103 unit OVER your bass unit.

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

This LW 8103 passive system delivers good medium and treble frequencies for cinemas up to 35m length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

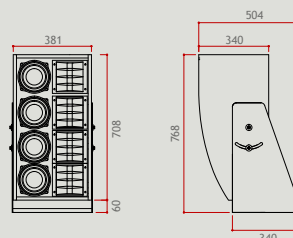
If you have a cinema with a wide angle of seats, the extreme right and left chairs will never understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model. Thus, you decide what kind of LW subwoofers and LW surrounds you are going to install, if needed.

To preserve the "TIMBRE" of the complete installation, why not use the LW 8000 Series surrounds?

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea. To save labour costs, it is delivered pre-assembled and packaged in one carton.

SPECIFICATIONS	
<b>MID:</b>	4 x 6" speaker with 1.46" voice coil
<b>TREBLE:</b>	4 x 1" driver with 1" voice coil
<b>HORN:</b>	4 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	620W AES/1240W Prg. 8 ohm.
<b>SENSITIVITY:</b>	Sens. 98,7dB 1W/1M. Free field SPL 126dB SPL 129dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	60/22.000 Hz.
<b>SIZE:</b>	76.8 x 38.1 x 50.4 cm.
<b>WEIGHT:</b>	Net 39.5 kg.



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# LW 8105

Continuing with the modular character of the LW 8000 Series, what to do if your bass section is in good condition but the treble frequencies must be removed because the cinema has problems with reverberation or intelligibility? Our suggestion is to install this LW 8105 unit OVER your bass unit.

Better panoramic effect between the three screen channels and same acoustic pressure delivered to every seat of your cinema. Perfect intelligibility for dialogs, this model is the solution for the poor passive acoustics found at many cinemas.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

This LW 8105 passive system delivers good medium and treble frequencies for cinemas up to 45m length and includes an internal crossover/processor for the Line Array unit, which includes our SCD (projection screen compensation device).

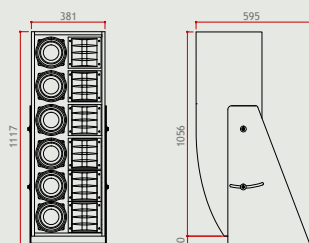
If you have a cinema with a wide angle of seats, the extreme right and left chairs will never understand the dialogues if you have not installed a Line Array device with 180° of horizontal directivity.

The quality is superb when working with the LW-8080 DSP PROCESSOR, our speaker processor/management having the presets of every model. Thus, you decide what kind of LW subwoofers and LW surrounds you are going to install, if needed.

To preserve the "TIMBRE" of the complete installation, why not use the LW 8000 Series surrounds?

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea. To save labour costs, it is delivered pre-assembled and packaged in one carton.

SPECIFICATIONS	
<b>MID:</b>	6 x 6" speaker with 1.46" voice coil
<b>TREBLE:</b>	6 x 1" driver with 1" voice coil
<b>HORN:</b>	6 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	930W AES/1860W Prg. 4 ohm.
<b>SENSITIVITY:</b>	Sens. 101,5dB 1W/1m. Free field SPL 130,3dB SPL 133,3dB with musical criteria
<b>FREQUENCY RESPONSE:</b>	24/22.000 Hz. Use a 150 crossover for bi-amp
<b>SIZE:</b>	105,7 x 38,1 x 59,5 cm.
<b>WEIGHT:</b>	Net 51 kg.



# LW 8201

The 8200 units explore more applications using the modular character of the LW 8000 series.

The LW 8201 is a reinforcement screen system to be located OVER some LW 8103 or LW 8105 when the acoustic pressure of the medium/treble frequencies is not enough to reach the last rows of seats or balconies. We could use one unit per balcony, if we have more than one, or two, or three. This means it is meant for very long cinemas.

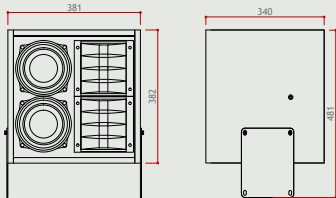
SPECIFICATIONS	
BASS/MID:	2 x 6" speakers with 1,46" voice coil
TREBLE:	2 x 1" driver with 1" voice coil
HORN:	2 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
POWER:	310W AES/620W Prg. 5 ohm.
SENSITIVITY:	95dB/1W/1m. Free field SPL 120dB - SPL 123dB with musical criteria.
FREQUENCY RESPONSE:	60/22.000 Hz.
SIZE:	48 x 38 x 34 cm.
WEIGHT:	Net 20,5 kg.

Of course an additional amplifier is needed for this application. And of course this amplifier will work at a higher pressure level than the amplifier unit working with the LW 8000 unit below.

The LW 8201 is a passive system, delivers good medium and treble frequencies and includes an internal crossover processor. The support to be added to the below cabinet is delivered.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, this unit is delivered pre-assembled and packaged in one carton.



# LW 8203

The 8200 units explore more applications using the modular character of the LW 8000 series.

The LW 8203 is a reinforcement screen system to be located OVER some LW 8103 or LW 8105 when the acoustic pressure of the medium/treble frequencies is not enough to reach the last rows of seats or balconies. We could use one unit per balcony, if we have more than one, or two, or three. This means it is meant for very long cinemas.

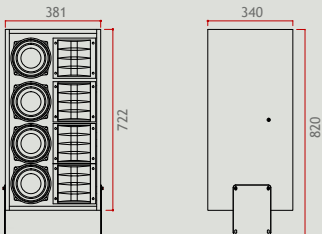
Of course an additional amplifier is needed for this application. And of course this amplifier will work at a higher pressure level than the amplifier unit working with the LW 8000 unit below.

The LW 8203 is a passive system, delivers good medium and treble frequencies and includes an internal crossover processor. The support to be added to the below cabinet is delivered.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, this unit is delivered pre-assembled and packaged in one carton.

SPECIFICATIONS	
BASS/MID:	4 x 6" speakers with 1,46" voice coil
TREBLE:	4 x 1" driver with 1" voice coil
HORN:	4 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
POWER:	620W AES/1240W Prg. 8 ohm.
SENSITIVITY:	98,7dB/1W/1m. Free field SPL 127,1dB - SPL 129dB with musical criteria
FREQUENCY RESPONSE:	60/22.000 Hz.
SIZE:	71 x 38 x 34 cm.
WEIGHT:	Net 39,5 kg.



# LW 8111

This is a high power surround system. To preserve the "Timbre" of the complete sound system with 8000 series behind the screen, why not use the LW 8000 surrounds?

As a high power surround unit, the LW 8111 is also ready for the "Proscenium or Front Most" position at Immersive Cinema Sound installations, or to be located on walls in cinemas with a big wall-to-wall distance and the center of the cinema. The channel surround will be perfectly listened at distances up to 12 m.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

This LW 8111 is a passive system, delivers good medium and treble frequencies and includes an internal crossover processor. The wall support is a strong Pan/tilt device.

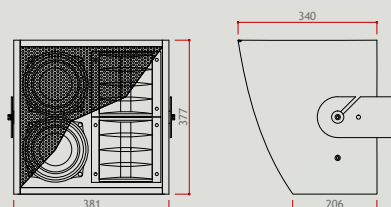
To have superb results, we recommend to use this unit combined with our surrounds subwoofers, LW 7513 SUB and LW 7517 V2 SUB.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.

To save labour costs, it is delivered pre-assembled and packaged in one carton.

## SPECIFICATIONS

<b>BASS/MID:</b>	2 x 6" speakers with 1,46" voice coil
<b>TREBLE:</b>	2 x 1" driver with 1" voice coil
<b>HORN:</b>	2 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
<b>POWER:</b>	310W AES/620W Prg. 4 ohm.
<b>SENSITIVITY:</b>	95dB/1W/1m. Free field SPL 120dB - SPL 123dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	60/22.000 Hz.
<b>SIZE:</b>	37,7 x 38 x 34 cm.
<b>WEIGHT:</b>	Net 20 kg.



# LW 8112

This is a surround system. To preserve the "Timbre" of the screen systems all over the audience, why not use the LW 8000 surrounds?

This is a high power surround, ready for the "proscenium or front most" position in Atmos installations or to be located on walls in cinemas with a big distance between the seats and the walls, specially the centered seats, because of the width of the cinema. The channel surround will perfectly reach distances up to 12 m.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

This LW 8112 passive system delivers good medium and treble frequencies and includes an internal crossover/processor.

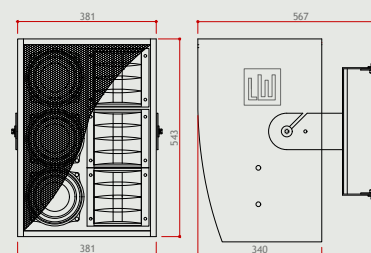
The quality is superb when working with our wall surround subwoofers LW 7513 SUB or LW 7517 V2 SUB.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, this unit is delivered assembled and packaged in one carton.

## SPECIFICATIONS

<b>BASS/MID:</b>	3 x 6" speaker with 1,46" voice coil
<b>TREBLE:</b>	3 x 1" driver with 1" voice coil
<b>HORN:</b>	3 x Isofasic ABS horns, 180° x 12° each. With pan/tilt adjustment
<b>POWER:</b>	465W AES/930W Prg. 5 ohm.
<b>SENSITIVITY:</b>	Sens 97dB/1W/1m. SPL 123,5 dB SPL 126,5 dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	60/22.000 Hz
<b>SIZE:</b>	52,5 x 38 x 34 cm.
<b>WEIGHT:</b>	Net 25,5 Kg





# LW 8113

This is a very high power surround system. To preserve the “Timbre” of the complete sound system with 8000 series behind the screen, why not use the LW 8000 surrounds?

As a high power surround unit, the LW 8113 is also ready for the “Proscenius or Front Most” position in Immersive Cinema Sound installations or to be located on walls in cinemas with a big distance between walls and the center of the cinema. The channel surround will be perfectly listened at distances up to 20 m.

Yes, Line Array Technology applied to Cinema Sound works, combining professional compression drivers (not ribbon units, please!) with true isophasic horns to achieve an extreme -3dB coverage throughout the whole audience area.

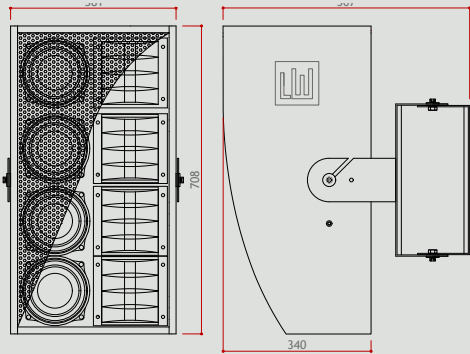
This LW 8113 is a passive system, delivers good medium and treble frequencies and includes an internal crossover processor. The wall support is a strong Pan/tilt device.

To have superb results, we recomend to use this unit combined with our surround subwoofer LW 7517 V2 SUB.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea. To save labour costs, this unit is delivered pre-assembled and packaged in one carton.

### SPECIFICATIONS

BASS/MID:	4 x 6" speakers with 1,46" voice coil
TREBLE:	4 x 1" driver with 1" voice coil
HORN:	4 x Isophasic ABS horns, 180° x 12° each. With pan/tilt adjustment.
POWER:	620W AES/1240W Prg. 5 ohm.
SENSITIVITY:	98,7dB/1W/1m. Free field SPL 137,5dB - SPL 129dB with musical criteria
FREQUENCY RESPONSE:	60/22.000 Hz.
SIZE:	70,8 x 38 x 34 cm.
WEIGHT:	Net 39,5 kg.









# LW 1201

This is the evolution of our well known LW 1101. Its most important improvement being the asymmetrical directivity of the new proprietary horn, which adapts the system to the new "stadium seating" feature of modern cinemas, thus achieving a constant directivity and very low distortion for every seat of the projection room. This yields great intelligibility for the complete audience.

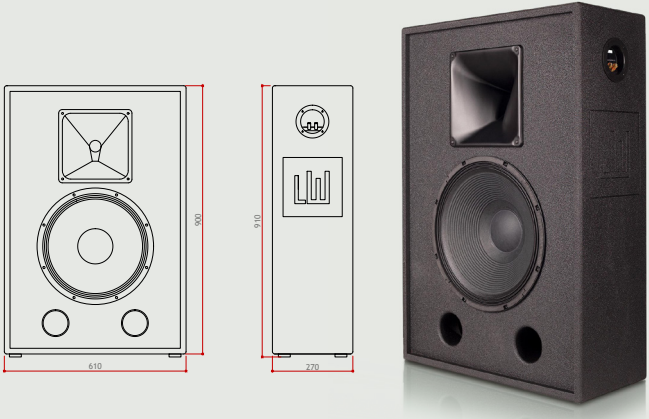
This two way shallow (27cm. (10") depth) cabinet screen system has an internal crossover/processor with SCD (projection screen compensation device) and is suitable for small cinemas up to 125 seats.

SPECIFICATIONS	
BASS:	1 x 15" speaker with 2,5" voice coil
TREBLE:	1 x 1,5" driver with 1,75" PM4 voice coil
HORN:	Built-in asymmetrical horn (50° to 100° horizontal, 55° vertical) and constant directivity
POWER:	1201 (370W AES-740W Prg) Nominal impedance 8 ohm.
SENSITIVITY & SPL	96,8dB/1W/1m. Max SPL 123dB (calculated). SPL music criteria 126dB.
FREQUENCY RESPONSE:	(-10dB) 44 Hz/19 Khz.
SIZE:	90 x 61 x 27 cm. (10")
WEIGHT:	Net 33 kg.

Despite its small size the quality is superb. And when working together with our LW 6107 subwoofer and our range of LW Amplifiers, it covers the complete frequency range for this very special kind of sound called "Cinema Sound". All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, the system is delivered and packaged fully assembled in one carton.



# LW 1203

This is the evolution of our well known LW 1103. Its most important improvement being the enhanced directivity of the new horn, which adapts the system to the new stadium seating feature of modern cinemas, thus achieving a constant directivity and very low distortion for every seat of the projection room.

This two way shallow (27cm. (10") depth) cabinet screen system has an internal crossover/processor with SCD (projection screen compensation device) and is suitable for small cinemas up to 125 seats.

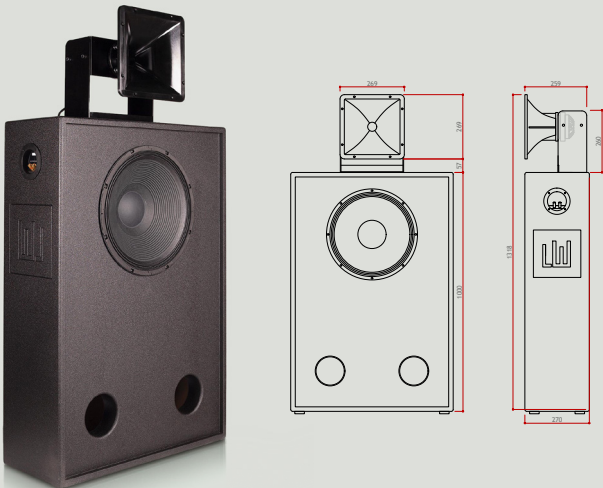
Despite its small size the quality is superb. And when working together with our LW 6107 subwoofer and our range of LW Amplifiers, it covers the complete frequency range for this very special kind of sound called Cinema

Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, the system is delivered pre-assembled and packaged in two cartons.

SPECIFICATIONS	
BASS:	1 x 15" speaker with 2,5" voice coil
TREBLE:	1 x 1,5" driver with 1,75" PM4 voice coil
HORN:	90° x 40° LW1205HFD with pan/tilt adjustment
POWER:	1203 (370W AES-740W Prg.) Nominal impedance 8 ohm.
SENSITIVITY & SPL	96,8dB/1W/1m. Max SPL 123dB. SPL music criteria 126dB.
FREQUENCY RESPONSE:	(-10dB) 39 Hz./19 Khz.
SIZE:	125x 68 x 27 cm. (10")
WEIGHT:	Net 40,5 Kg.



# LW 2201

**MCA** Media Center  
Audiovisual  
2 year guarantee

This is the evolution of our well known LW 2101, suitable for cinemas up to 250 seats. The most important improvement being the enhanced treble driver, now with 1.5" to further improve the intelligibility for all the audience. The aiming device adapts the system to the new stadium seating feature of modern cinemas, achieving a constant directivity and very low distortion for every seat.

The internal crossover/processor includes SCD (projection screen compensation device) for passive mode.

Ready to work with our subwoofer systems LW 6109 or LW 6113 and our range of LW Amplifiers. Its quality is superb and it covers the complete frequency range for this very special kind of sound called Cinema Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, it is delivered and packaged pre-assembled in two cartons.

## SPECIFICATIONS

<b>BASS:</b>	2 x 15" speaker with 2,5" voice coil
<b>TREBLE:</b>	1 x 1,5" driver with 1 " PM4 voice coil
<b>HORN:</b>	Flat front 90°x40° LW2001HFD with pan/tilt adjustment
<b>POWER:</b>	2201(670 AES/1340 Prg.) Nominal Impedance 4 ohm.
<b>SENSITIVITY &amp; SPL</b>	97,3dB/1W/1m. Half Space SPL 126,2dB. SPL 129,2dB with music criteria.
<b>FREQUENCY RESPONSE:</b>	(-10dB) 38 Hz.-19.000 Hz.
<b>SIZE:</b>	126,1 x 68 x 47 cm.
<b>WEIGHT:</b>	Net 57 kg.



**MCA** Media Center  
Audiovisual  
2 year guarantee

# LW 3105 / LW 3105-BI

To increase directivity of our well known LW 3005 for some Atmos needs, we are introducing our new LW 3105, with a 90° x 40° horn. It is also fitted with our SCD (screen compensation device) and our Virtual Three Way Tech, thus eliminating the "comb filter" between both of the 15" bass units. This two way passive, or bi-amplified screen system, works as a three way delivering a superb response with very small equalization needs.

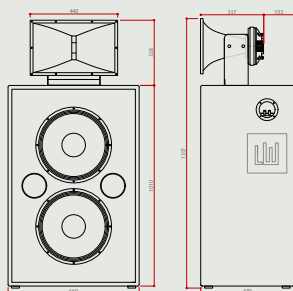
Ready to work with our subwoofer systems LW 6113 or LW 6115. Its quality is superb and it covers the complete frequency range for this very special kind of sound called Cinema Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, it is delivered pre-assembled in two cartons.

## SPECIFICATIONS

<b>BASS:</b>	2 x 15" speaker with 2,5" voice coil
<b>TREBLE:</b>	1 x 1,5" driver with 2,87" voice coil
<b>HORN:</b>	90° x 40° flat front constant directivity horn LW21031HFD with pan/tilt adjustment
<b>POWER:</b>	3105 (670W AES/3480W Prg). Nominal impedance 4 ohm. 3105-BI (70/600W AES/140/1200W Prg.) Nominal impedance 8+4 ohm.
<b>SENSITIVITY:</b>	Sens 99,5dB/1W/1m. Half space SPL 129dB SPL 132dB with music criteria at 1 m. LW3005BI Bass unit: Sens 101dB/1W/1m. Half space SPL 130dB LW3005BI Treble unit: Sens 110dB/1W/1m. Free field SPL 128,5dB
<b>FREQUENCY RESPONSE:</b>	(-10dB) 38/20.000Hz. Use 800 to 1200 Hz. crossover for bi-amp.
<b>SIZE:</b>	145,1 x 66 x 47 cm.
<b>WEIGHT:</b>	Net 66 kg.



# LW 5115

Dedicated to horn loaded traditional technology lovers, our 5000 Series is still being manufactured.

Two versions can be chosen, for Passive mode or for Biamp. Including a pan/tilt aiming device for the mid-high horn. This 3 way system shallow profile (27cm (10" depth) cabinet screen system has an internal crossover/processor with SCD (Projection Screen Compensation Device) and is suitable for up to 300 seat cinemas.

Despite its small size the quality is superb. And when working with either a set of two LW 6107 subwoofers or one 2x18" LW 6113, and our range of LW Amplifiers,

it covers the complete frequency range for this very special kind of sound called Cinema Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, it is delivered pre-assembled in two cartons.

SPECIFICATIONS	
BASS:	1 x 15" speaker with 2,5" voice coil
MID:	1 x 8" speaker with 1,46" voice coil
TREBLE:	1 x 1" driver with 1" PM4 voice coil
HORN:	90° x 40° for mid-high range LW 5115 HFD-HFM with pan/tilt adjustment
POWER:	5115 460W AES/920W Prg.
SENSITIVITY:	Sens 99 dB/1W/1m. SPL 125,6 dB
FREQUENCY RESPONSE:	(-10dB) 32,8 to 20.000 Hz.
SIZE:	158 x 66 x 27 cm.
WEIGHT:	60 Kg.



# LW 5115-BI

Dedicated to horn loaded traditional technology lovers, our 5000 Series is still being manufactured.

Two versions can be chosen, for Passive mode or for Biamp. Including a pan/tilt aiming device for the mid-high horn. This 3 way system shallow profile (27cm (10" depth) cabinet screen system has an internal crossover/processor with SCD (Projection Screen Compensation Device) and is suitable for up to 300 seat cinemas.

Despite its small size the quality is superb. And when working with either a set of two LW 6107 subwoofers or one 2x18" LW 6113, and our range of LW Amplifiers, it covers the complete frequency range for this very special kind of sound called Cinema Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, it is delivered pre-assembled in two cartons.

Presets for installation:

- X-over, 200 Hz
- Phase not inverted
- No delays

EQ for medium/treble unit:

- EQ1: 1.500Hz/Q1.8 -4dB
- EQ2: 2.700Hz/Q2 -4dB
- No EQ for bass unit

SPECIFICATIONS	
BASS:	1 x 15" speaker with 2,5" voice coil
MID:	1 x 8" speaker with 1,46" voice coil
TREBLE:	1 x 1" driver with 1" PM4 voice coil
HORN:	90° x 40° for mid-high range LW 5115 HFD-HFM with pan/tilt adjustment
POWER:	5115BI 300+160W AES/600+320W Prg. Nominal impedance 8+8 ohm.
SENSITIVITY:	LF unit: Sens 96,5dB/1W/1m. Half space SPL 121,9dB MF/HF unit: Sens 94dB/1W/1m. Free field SPL 116,3dB"
FREQUENCY RESPONSE:	(-10dB) 32,8 to 20.000 Hz.
SIZE:	158 x 66 x 27 cm.
WEIGHT:	60 Kg.



# LW 5117-BI

**MCA** Media Center  
Audiovisual  
2 year guarantee

Dedicated to horn loaded traditional technology lovers, our 5000 Series is still being manufactured.

The LW 5117-BI is ready for Biamp operations (see presets below), and includes a pan/tilt aiming device for the mid-high horn. This 3 way system is suitable for up to 350 seat cinemas.

The quality is superb, and when working with one or two 2x18" LW 6113, and our range of LW Amplifiers, it covers the complete frequency range for this very

special kind of sound called Cinema Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, it is delivered pre-assembled in two cartons.

Presets for installation:

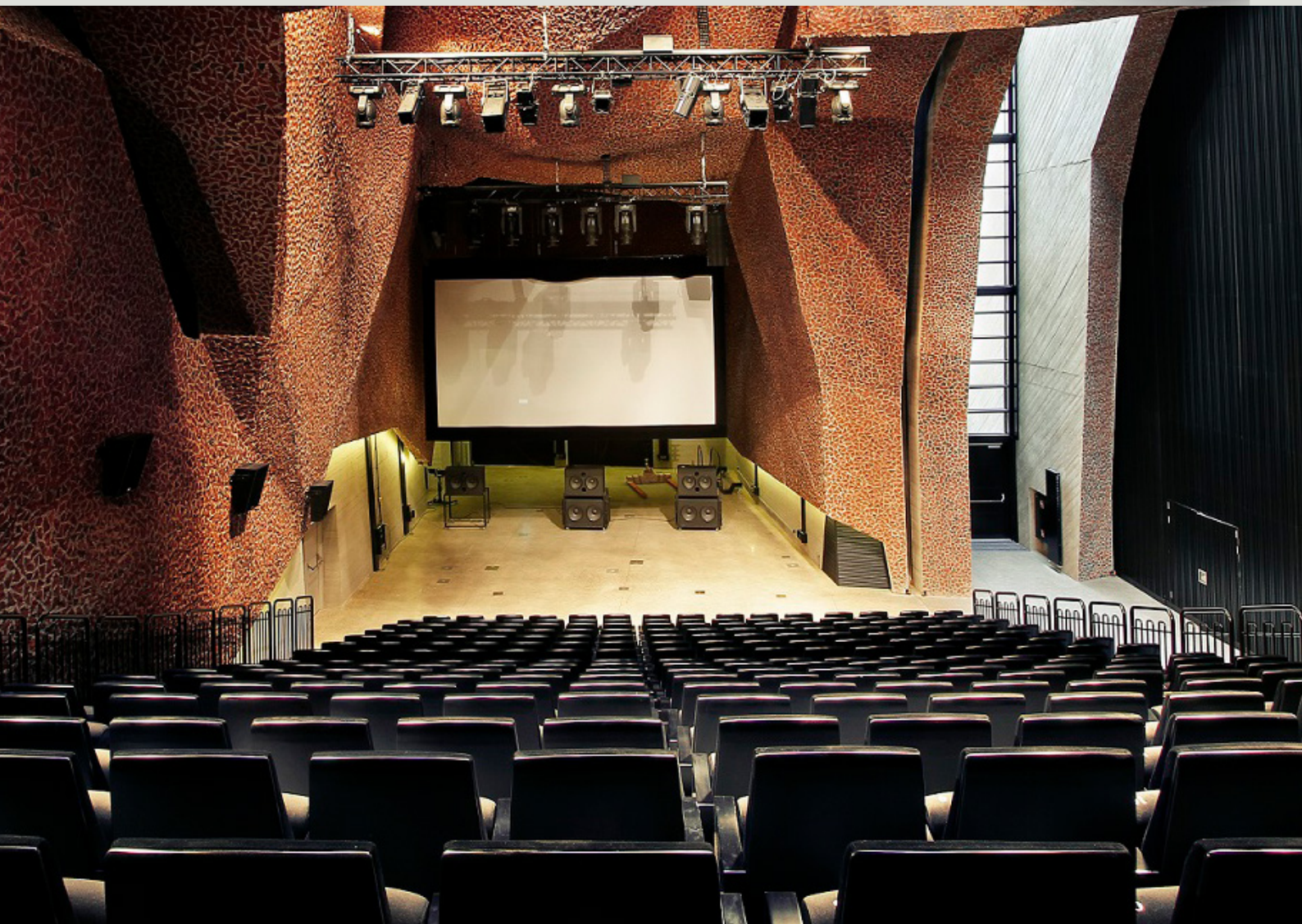
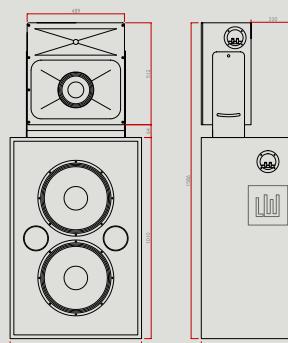
- X-over, 200 Hz
- Phase not inverted
- No delays

EQ for medium/treble unit:

- EQ1: 1.500Hz/Q1.8 -4dB
- EQ2: 2.700Hz/Q2 -4dB
- No EQ for bass unit

## SPECIFICATIONS

<b>BASS:</b>	2 x 15" speaker with 2,5" voice coil
<b>MID:</b>	1 x 8" speakers with 1,46" voice coil
<b>TREBLE:</b>	1 x 1" driver with 1" PM4 voice coil
<b>HORN:</b>	90° x 40° for mid-high range LW 5115 HFD-HFM with pan/tilt adjustment
<b>POWER:</b>	160+600W AES, 320+1200W Prg. Nominal impedance 8+4 ohm.
<b>SENSITIVITY:</b>	LF unit: Sens 99,5dB/1W/1m. Half space SPL 128dB MF/HF unit: Sens 94dB/1W/1m. Free field SPL 116,3dB
<b>FREQUENCY RESPONSE:</b>	(-10dB) 38Hz-20.000 Hz. Use 400Hz. crossover.
<b>SIZE:</b>	175 x 66 x 47,6 cm.
<b>WEIGHT:</b>	Net 71 kg.



# LW 5119-BI COAXIAL

Dedicated to horn loaded traditional technology lovers, our 5000 Series is still being manufactured.

We make good use of COAXIAL technology, that is, only one assembly including the treble frequency driver mounted in the same axis as the anular medium frequency driver. This is the only way to avoid cancellations in this kind of big horn.

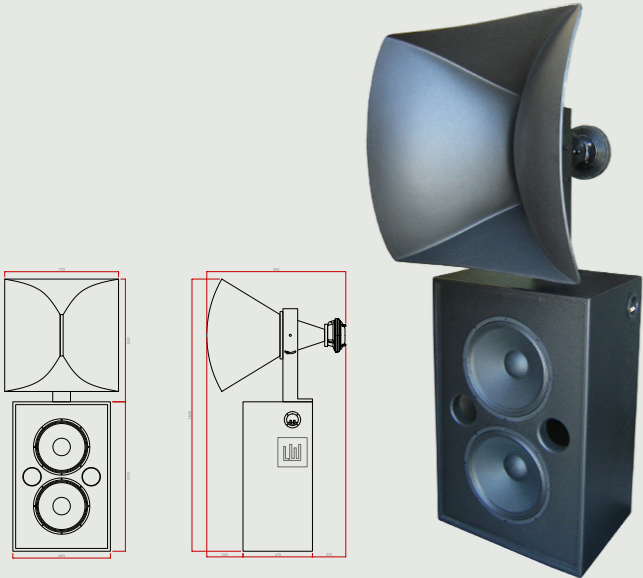
This LW 5119-BI Coaxial is a three way system but ready for Biamp operation including a pan/tilt aiming device for the mid-high horn. It perfectly suits the largest cinemas with more than 400/500 seats and a depth of around 50 meters.

The quality is superb! And when working together with one or two 2x18" of our LW 6115 or LW 6123, - even with our unique LW 6121 which is the only subwoofer that works from 20 Hz. -and our range of LW Amplifiers, it covers the complete frequency range for this very special kind of sound called Cinema Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, it is delivered pre-assembled in two cartons.

SPECIFICATIONS	
BASS:	2 x 15" speaker with 2,5" voice coil
TREBLE:	COAXIAL DRIVER 1 x 1" driver with 1,75" voice coil and 1x2" with 3,5" voice coil w/passive crossover
HORN:	90° x 40° big constant coverage bi-radial horn LW2005HFD with aiming device.
POWER:	80+150+600W AES. Nominal impedance HF 8 ohm. LF 4 ohm.
SENSITIVITY:	LF unit: Sens 99,5dB/1W/1m. Half space - SPL 128dB - SPL 131dB with musical criteria HF unit: Sens 118dB/1W/1m. Free field - SPL 137dB - SPL 140 dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 38Hz.-20.000Hz. Use 200/300 Hz. for biamp
SIZE:	184 x 77 x 94 cm.
WEIGHT:	80 Kg.



# LW 5121-BI COAXIAL

Dedicated to horn loaded traditional technology lovers, our 5000 Series is still being manufactured.

We make good use of COAXIAL technology, that is, only one assembly including the treble frequency driver mounted in the same axis as the anular medium frequency driver. This is the only way to avoid cancellations in this kind of big horn.

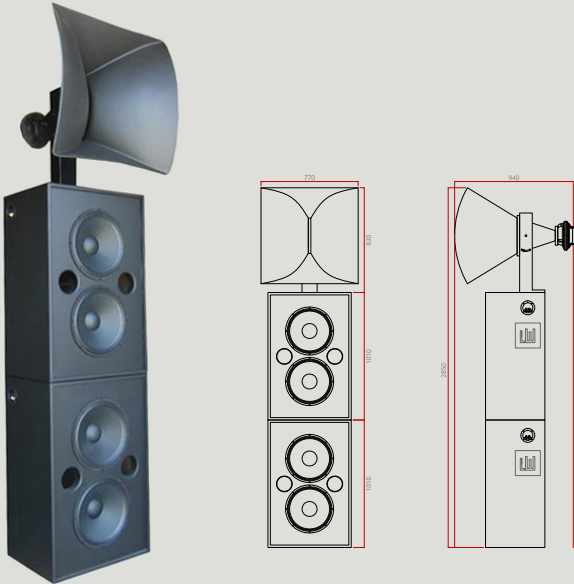
The LW 5121-BI Coaxial is a three way system but ready for Biamp operation including a pan/tilt aiming device for the mid-high horn. It perfectly suits the largest cinemas with more than 400/500 seats and a depth of around 50 meters.

The quality is superb! And when working together with one or two 2x18" of our LW 6115 or LW 6123, - even with our unique LW 6121 which is the only subwoofer that works from 20 Hz. -and our range of LW Amplifiers, it covers the complete frequency range for this very special kind of sound called Cinema Sound. All this can be achieved thanks to the professional European components used in the manufacturing.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, it is delivered pre-assembled in two cartons.

SPECIFICATIONS	
BASS:	4 x 15" speaker with 2,5" voice coil
TREBLE:	COAXIAL DRIVER 1 x 1" driver with 1,75" voice coil and 1x2" with 3,5" voice coil w/passive crossover
HORN:	90° x 40° big constant coverage bi-radial horn LW2005HFD with aiming device.
POWER:	80+150+1200W AES. Nominal impedance HF 8 ohm. LF 8 ohm.
SENSITIVITY:	LF unit: Sens 99,5dB/1W/1m. Half space - SPL 129,8dB - SPL 132,8dB with musical criteria HF unit: Sens 118dB/1W/1m. Free field - SPL 137dB - SPL 140dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 38Hz.-20.000Hz. Use 200/300 Hz. for biamp
SIZE:	285 x 77 x 94 cm.
WEIGHT:	133 Kg.



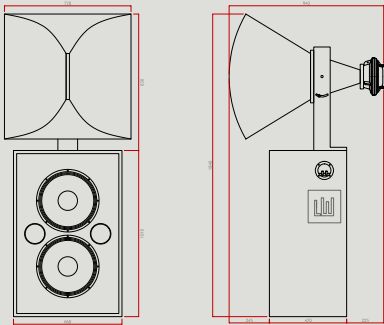


# LW 953-BI

The classic highest quality system of the golden age of cinema business. THX Approved. 2 x 15" with a 4" treble unit driver with the biggest constant coverage bi-radial horn. Almost 1000 W.

The standard in the cinema industry for many years, it is manufactured for bi-amp. This system is delivered preassembled in two cartons to save installation labor costs.

SPECIFICATIONS	
BASS:	2 x 15" speaker with 3" voice coil
TREBLE:	1 x 2" driver with 4" voice coil
HORN:	90° x 40° big constant coverage bi-radial horn LW2005HFD with aiming device.
POWER:	100/850W AES-200/1700W Prg. Nominal impedance HF 8 ohm. LF 4 ohm.
SENSITIVITY:	LF unit: Sens 101dB/1W/1m. Half space - SPL 130,3dB - SPL 133,3dB with musical criteria HF unit: Sens 111dB/1W/1m. Free field - SPL 132dB - SPL 135dB with musical criteria.
FREQUENCY RESPONSE:	25Hz.-20.000Hz. Use a 500 Hz. for biamp
SIZE:	184 x 77 x 94 cm.
WEIGHT:	78 Kg.

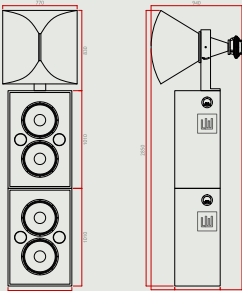


# LW 955-BI

Another classic of the golden age of the cinema business. Superb 2 way screen system with 4 x 15", approved treble unit driver of 4" and big bi-radial horn. Almost 2000 W. of power.

The standard of the cinema industry for many years, for really big cinemas with big amplifiers. This system is delivered preassembled in three cartons to save installation labor costs.

SPECIFICATIONS	
BASS:	4 x 15" speaker with 3" voice coil
TREBLE:	1 x 2" driver with 4" voice coil
HORN:	Big 90°x40° constant coverage bi-radial LW953HFD with aiming device.
POWER:	100+850+850W AES/200+1700+1700W Prg. Nominal impedance 8 + 4 + 4 ohm
SENSITIVITY:	LF unit: Sens 104dB/1W/1m. Half space SPL 136,3dB SPL 139,3dB with musical criteria HF unit: Sens 112dB/1W/1m. Free field SPL 132dB SPL 135dB with musical criteria.
FREQUENCY RESPONSE:	25 Hz. - 20.000 Hz. Use a 500 Hz. crossover for bi-amp mode.
SIZE:	285 x 77 x 94 cm.
WEIGHT:	133 Kg.



# SUBWOOFER SYSTEMS



# LW 6107

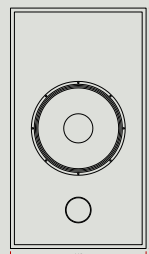
**MCA** Media Center  
Audiovisual  
2 year guarantee

Evolution of one of our classics. A subwoofer system with the same 18" loudspeaker than before and with an improved resonance device. To be used together with our 1000 Series screen systems or in sub surround applications for Dolby Atmos.

With shallow cabinet 27 cm. deep (10") for the small spaces behind the screen. Despite its little size, this surprising loudspeaker delivers wonderful performance in bigger cinemas. The system is delivered assembled in one carton to save labour costs.

## SPECIFICATIONS

<b>BASS:</b>	1 x 18" speaker with 3" voice coil
<b>POWER:</b>	500W AES/1000W Prg. Nominal impedance 8 ohm.
<b>SENSITIVITY:</b>	Sens 97dB/1W/1m. Half space SPL 124dB. SPL 127dB with music criteria 1 m.
<b>FREQUENCY RESPONSE:</b>	(-10 dB) 31 Hz.
<b>SIZE:</b>	117 x 66 x 27 cm. (10")



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2 year guarantee

# LW 6109

This is the evolution of our well know LW 6009. A further improved sintonization and a new 18" unit deliver the best subwoofer frequencies.

Together with our LW Amplifiers they are the perfect match to achieve the deepest subwoofer superbly adapted to the spectacular movies of today.

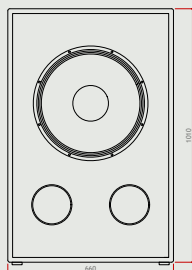
The LW 6109 is a perfect sub unit for small and mediums sized cinemas, and designed to reinforce the series LW 2000, LW 3000 and LW 5000. It will work also perfectly the smaller LW 8000, LW 8001 and LW 8002.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea.

To save labour costs, this unit is delivered pre-assembled and packaged in one carton.

## SPECIFICATIONS

<b>BASS:</b>	1 x 18" Speaker with 3" voice coil
<b>POWER:</b>	600W AES/1200W Prg. 8 ohm. Nominal Impedance 8 ohm.
<b>SENSITIVITY:</b>	98dB/1W/1m. Half Space SPL 125,8dB - SPL 128,8dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	(-10dB) from 28Hz.
<b>SIZE:</b>	101 x 66 x 47 cm.
<b>WEIGHT:</b>	Net 45 kg.



# LW 954 V2 THX

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This is the evolution of our well know LW 954 and it's THX Approved. A further improved sintonization and a new 18" unit deliver the best subwoofer frequencies.

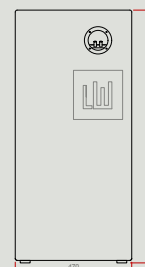
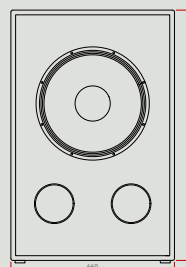
Together with our LW Amplifiers they are the perfect match to achieve the deepest subwoofer superbly adapted to the spectacular movies of today.

The LW 954 V2 THX is a perfect sub unit for mediums and big sized cinemas, depending of the number of units installed, and ready to the reinforce the series LW 3000, LW 5000 and LW 8000.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea. To save labour costs, this unit is delivered pre-assembled and packaged in one carton.

## SPECIFICATIONS

<b>BASS:</b>	1 x 18" Speaker with 4" voice coil
<b>POWER:</b>	700W AES/1400W Prg. 8 ohm. Nominal Impedance 8 ohm.
<b>SENSITIVITY:</b>	100dB/1W/1m. Half Space SPL 129dB - SPL 132dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	(-10dB) from 25Hz.
<b>SIZE:</b>	101 x 66 x 47 cm.
<b>WEIGHT:</b>	Net 48 kg.

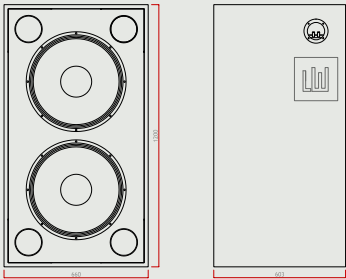


# LW 6113

Evolution of our well known LW 6013, this is a subwoofer system with two 18" loudspeakers, to be used together with our 2000 Series, 3000 Series or 5000 Series screen systems. All our double subwoofers are connected in parallel for a 4 ohm. operation.

The system is delivered fully assembled in one cartoon to save labour costs.

SPECIFICATIONS	
BASS:	2 x 18" speaker with 3" voice coil
POWER:	1000W AES/2000W Prg. Nominal Impedance 4 ohm.
SENSITIVITY:	Sens 100dB/1W/1m. Half space SPL 130dB. SPL 133dB with music criteria 1 m.
FREQUENCY RESPONSE:	(-10 dB) 27-400 Hz.
SIZE:	120 x 66 x 60,3 cm.
WEIGHT:	Net 70 kg.



# LW 6115

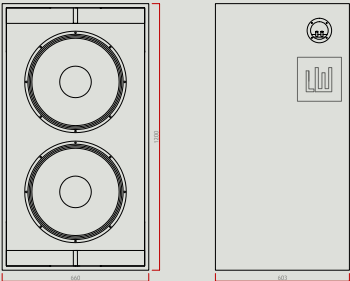
With the digital cinema in mind, we introduce this superb subwoofer system with two 18" loudspeakers, evolution of our well know LW 6015, to be used in any kind of installation of the highest quality.

Because of its great power, this system can be used in any size screens and any quality requirements. All our double subwoofers are connected in parallel for a 4 ohm. operation. This new LW 6115 has a deeper response, near of the Hi-Fi response!

The system is delivered fully assembled in one cartoon to save labour costs.

This subwoofer model can be used as a screen bass unit with 8000 Series mid / high frequency units, configuring an active three-way system.

SPECIFICATIONS	
BASS:	2 x 18" speaker with 4" voice coil
POWER:	1500W AES/3000W Prg. Nominal Impedance 4 ohm.
SENSITIVITY:	Sens 102dB/1W/1m. Half space SPL 133,8dB. SPL 136,8dB with music criteria 1 m.
FREQUENCY RESPONSE:	(-10 dB) 24 Hz.
SIZE:	120 x 66 x 60.3 cm.
WEIGHT:	Net 87.5 kg.





# LW 6121 V2

**MCA** Media Center  
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2 year guarantee

Nothing like our LW 6121 V2 to achieve the power and very low frequencies of today's OSTs. Now, the V2 is more powerful and its fitted with a new 21" to deliver the best sub sub frequencies: 20 Hz. the lower audible frequency.

The combination of the LW 6121 V2 THX and the LW Amplifiers is the perfect match to achieve the deepest subwoofer perfectly adapted to the spectacular movies of today.

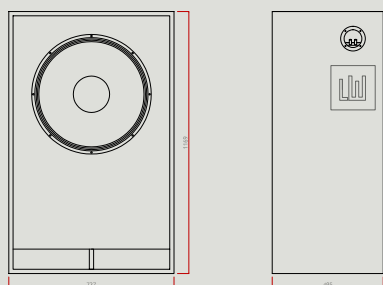
The LW 6121 V2 is a perfect sub unit for medium and big sized cinemas, depending of the number of units installed, and ready to reinforce the LW 3000, LW 5000 and LW 8000 Series.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.

To save labour costs, it is delivered assembled and packaged in one carton.

## SPECIFICATIONS

<b>BASS:</b>	1 x 21" Speaker with 4" voice coil
<b>POWER:</b>	1600W AES/3200W Prg. 8 ohm. Nominal Impedance 8 ohm.
<b>SENSITIVITY:</b>	101dB/1W/1m. Half Space SPL 130dB - SPL 133dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	(-10dB) from 20Hz.
<b>SIZE:</b>	101 x 66 x 47 cm.
<b>WEIGHT:</b>	Net 49 kg.



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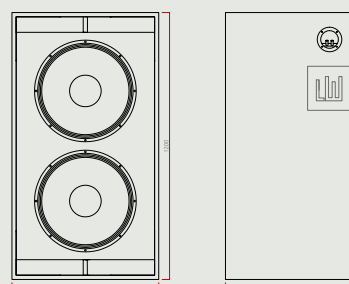
# LW 6123

An evolution of our well known 2x18" LW 6115, with higher power, to be used in any kind of installation of the highest quality.

Because of its great power, this system can be used in any size screens and any quality requirements. All our double subwoofers are connected in parallel for a 4 ohm. operation. The system is delivered fully assembled in one cartoon to save labour costs.

## SPECIFICATIONS

<b>BASS:</b>	2 x 18" speaker with 4" voice coil
<b>POWER:</b>	2400W AES/4800W Prg. Nominal Impedance 4 ohm.
<b>SENSITIVITY:</b>	Sens 101dB/1W/1m. Half space SPL 134,9dB. SPL 137,8dB with music criteria 1 m.
<b>FREQUENCY RESPONSE:</b>	(-10 dB) 24 Hz.
<b>SIZE:</b>	120 x 66 x 60,3 cm.
<b>WEIGHT:</b>	Net 85 kg.

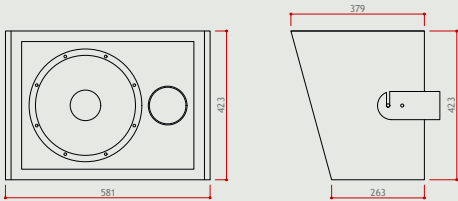


# LW 7513 SUB

Because of the improved sound quality at cinemas it is very common nowadays to fit the surround channel with subwoofers, not only for Immersive Systems, but also for good 5.1 and 7.1 installations.

Our line of subs for this application has a similar shape and size than a usual surround speakers system, see picture of our LW 7515 SUB or LW 7517 V2 SUB for reference.

SPECIFICATIONS	
BASS:	1 x 12" Speaker with 3" voice coil
POWER:	450W AES/900W Prg. 8 ohm. Nominal Impedance 8 ohm.
SENSITIVITY:	92dB/1W/1m. Half Space SPL 118,5dB - SPL 121,5dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) from 31Hz.
SIZE:	58,1 x 42,3 x 37,9 (26,3) cm.
WEIGHT:	Net 22 kg.



The LW 7513 loves small cinemas or locations below balconies to reduce space, delivering powerful and deep subwoofer frequencies for the surround channel.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea, and includes a tilt wall support and a fabric front in black.

To save labour costs, this unit is delivered pre-assembled and packaged in one carton.



# LW 7517 V2 SUB

Because of the improved sound quality at cinemas it is very common nowadays to fit the surround channel with subwoofers, not only for Immersive Systems, but also for good 5.1 and 7.1 installations.

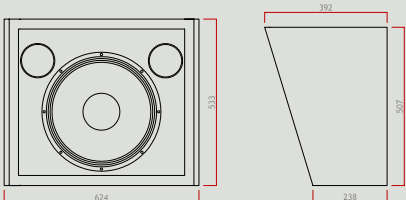
Our line of subs for this application has a similar shape and size than a usual surround speakers system, see picture of our LW 7513 or LW 7515 SUB for reference.

The LW 7517 V2 SUB loves big cinemas, delivering powerful and deep subwoofer frequencies for the surround channel.

As every LW Speakers model, the unit is painted with the strongest possible finishing: the polyurea, and includes a tilt wall support and a fabric front in black.

To save labour costs, this unit is delivered pre-assembled and packaged in one carton.

SPECIFICATIONS	
BASS:	1 x 15" Speaker with 4" voice coil
POWER:	700W AES/1400W Prg. 8 ohm. Nominal Impedance 8 ohm.
SENSITIVITY:	98dB/1W/1m. Half Space SPL 126,5dB - SPL 129,5dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) from 30Hz.
SIZE:	62,5 x 51,0 x 39,3 (24,0) cm.
WEIGHT:	Net 27 kg.



# SURROUND SYSTEMS



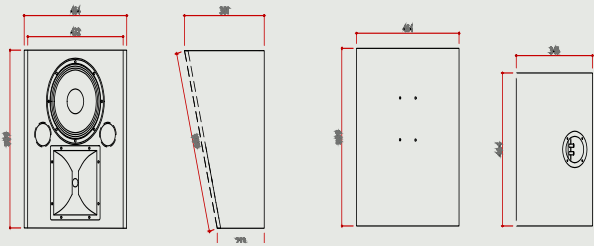
# LW 2006 V2 THX

This state of the art system is designed for any kind of cinema where the highest quality is a must. As this is a HIGH POWER surround system, is the perfect solution for medium/big cinemas and Immersive Systems. For this application, the LW 2006 V2 THX is ready to be supported in wall or ceilings with optional U bracket or our LW 7712 Support.

This perfect internal processor enables the technician to EQ in a wider range of frequencies with a friendship work.

Because of the improved quality of the sound in the cinemas it's today very common to fit the surround channel with subwoofers, not only for Immersive Systems, but also for goods 5.1 and 7.1 installations. For this reason, we are offering our LW 7513 SUB or our LW 954 V2 THX to work with our LW 2006 V2 THX.

A polyurea painting finishing with a fabric front adapts the LW 2002 V2 to any cinema decoration.



SPECIFICATIONS	
BASS:	1 x 10" speaker with 2" voice coil
TREBLE:	1 x 1" driver with 1" voice coil
HORN:	90° x 40° constant directivity horn.
POWER:	330W AES/660W Prg. 8 ohm. Nominal Impedance 8 ohm.
SENSITIVITY:	99,99dB/1W/1m. Free field SPL 124,4dB - SPL 127,4dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 40Hz. to 20.000Hz.
SIZE:	46 x 46 x 25,5 (12,5) cm.
WEIGHT:	Net 18,5 kg.



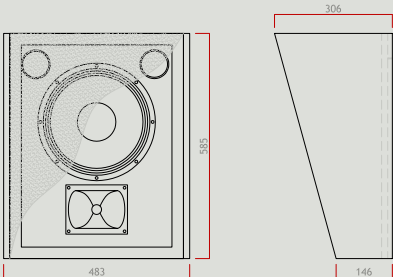
# LW 7209

Another “bestseller” in our production line with a 12”+1” driver constant coverage bi radial horn, which now includes a 15° slant and treble/bass position reversed. With the digital cinema in mind, this model has been chosen for some of the first Dolby Atmos installations as side and top surround.

Every LW surround speaker is delivered with single metallic support, an optional U bracket, or our optional heavy duty LW 7712 Support which helps to adjust the perfect angling of the system. As usual with all of the LW surround speakers, these could be painted in any RAL color needed by the customer.



SPECIFICATIONS	
BASS:	1 x 12" speaker with 2" voice coil
TREBLE:	1 x 1" driver with 1" voice coil
HORN:	100° x 60° constant coverage biradial horn
POWER:	180W AES/360W Prg. Nominal impedance 8 ohm.
SENSITIVITY:	Sens 97,9dB/1W/1m. free field SPL 120,5dB SPL123,5dB with musical criteria.
FREQUENCY RESPONSE:	(-10 dB) 53 Hz-20.000 Hz.
SIZE:	58,5 x 48,3 x 28 (17) cm.
WEIGHT:	Net 16.5 kg.



# LW 7015 V2

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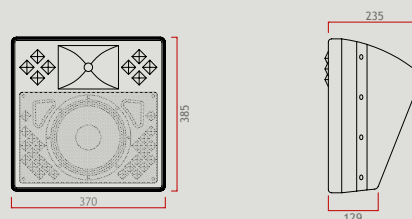
The LW 7015 V2 is the smallest of our ABS Surrounds. These are very easy to install on walls or ceiling because of its extreme lightness. Can be installed by just one technician.

The system is delivered with a standard fixed support, but its also ready to work with our pan/tilt wall/ceiling support LW 7712 SUPPORT for immersive systems.

Despite the ABS cabinet the system is improved with an internal and special treatment to achieve a very low frequency of resonance. This enables the technician to EQ in a wider range of frequencies.

Because of the improved quality of the sound at cinemas, it is very common nowadays to fit the surround channel with subwoofers, not only for Immersive Systems, but also for good 5.1 and 7.1 installations. For this reason, we are offering our LW 7513 SUB to work with our LW 7015 V2.

Dark grey colour is the standard delivery, but the grill could be painted any color following the customer needs.



SPECIFICATIONS	
<b>BASS:</b>	1 x 8" speaker
<b>TREBLE:</b>	1 x 1" driver with 1" voice coil
<b>HORN:</b>	100° x 60° constant directivity horn.
<b>POWER:</b>	150W AES/300W Prg. 8 ohm. Nominal Impedance 8 ohm.
<b>SENSITIVITY:</b>	97,8dB/1W/1m. Free field SPL 118,8dB - SPL 121,8dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	(-10dB) 40Hz. to 18.000Hz.
<b>SIZE:</b>	39 x 37 x 25,5 (12,5) cm.
<b>WEIGHT:</b>	Net 6 kg.



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# LW 7011 V2

The LW 7011 V2 is the second system of our ABS Surrounds. These are very easy to install on walls or ceiling because of its extreme lightness. Can be installed by just one technician.

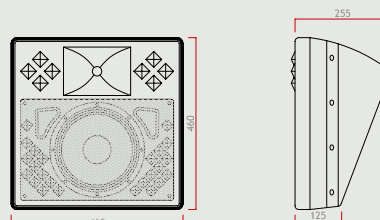
The system is delivered with a standard fixed support, but its also ready to work with our pan/tilt wall/ceiling support LW 7712 SUPPORT for immersive systems.

Despite the ABS cabinet the system is improved with an internal and special treatment to achieve a very low frequency of resonance. This enables the technician to EQ in a wider range of frequencies.

Because of the improved quality of the sound at cinemas, it is very common nowadays to fit the surround channel with subwoofers, not only for Immersive Systems, but also for good 5.1 and 7.1 installations. For this reason, we are offering our LW 7513 SUB or our LW 7517 V2 SUB to work with our LW 7011 V2.

Dark grey colour is the standard delivery, but the grill could be painted any color following the customer needs.

SPECIFICATIONS	
<b>BASS:</b>	1 x 10" speaker
<b>TREBLE:</b>	1 x 1" driver with 1" voice coil
<b>HORN:</b>	100° x 60° constant directivity horn.
<b>POWER:</b>	150W AES/300W Prg. 8 ohm. Nominal Impedance 8 ohm.
<b>SENSITIVITY:</b>	97,4dB/1W/1m. Free field SPL 119dB - SPL 122dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	(-10dB) 40Hz. to 18.000Hz.
<b>SIZE:</b>	46 x 46 x 25,5 (12,5) cm.
<b>WEIGHT:</b>	Net 6,5 kg.



# LW 7501

The LW 7501 is the third system of our ABS Surrounds. These are very easy to install on walls or ceiling because of its extreme lightness. Can be installed by just one technician.

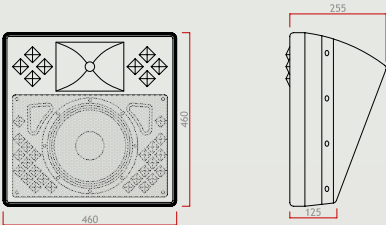
The system is delivered with a standard fixed support, but its also ready to work with our pan/tilt wall/ceiling support LW 7712 SUPPORT for immersive systems.

Despite the ABS cabinet the system is improved with an internal and special treatment to achieve a very low frequency of resonance. This enables the technician to EQ in a wider range of frequencies.

SPECIFICATIONS	
BASS:	1 x 10" speaker
TREBLE:	1 x 1" driver with 1" voice coil
HORN:	100° x 60° constant directivity horn.
POWER:	250W AES/500W Prg. 8 ohm. Nominal Impedance 8 ohm.
SENSITIVITY:	95,5dB/1W/1m. Free field SPL 120dB - SPL 123dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 40Hz. to 18.000Hz.
SIZE:	46 x 46 x 25,5 (12,5) cm.
WEIGHT:	Net 8,0 kg.

Because of the improved quality of the sound at cinemas, it is very common nowadays to fit the surround channel with subwoofers, not only for Immersive Systems, but also for good 5.1 and 7.1 installations. For this reason, we are offering our LW 7513 SUB or our LW 7517 V2 SUB to work with our LW 7501.

Dark grey colour is the standard delivery, but the grill could be painted any color following the customer needs.

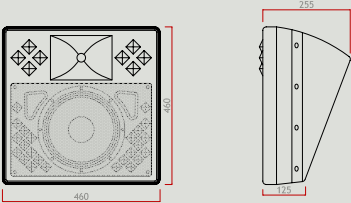


# LW 7511 V2

The LW 7511 V2 is the fourth system of our ABS Surrounds, but it is also a HIGH POWER Surround. ABS Surrounds are very easy to install on walls or ceiling because of its extreme lightness. Can be installed by just one technician.

The system is delivered with a standard fixed support, but its also ready to work with our pan/tilt wall/ceiling support LW 7712 SUPPORT for immersive systems.

Despite the ABS cabinet the system is improved with an internal and special treatment to achieve a very low frequency of resonance. This enables the technician to EQ in a wider range of frequencies.



Because of the improved quality of the sound at cinemas, it is very common nowadays to fit the surround channel with subwoofers, not only for Immersive Systems, but also for good 5.1 and 7.1 installations. For this reason, we are offering our LW 7513 SUB or our LW 7517 V2 SUB to work with our LW 7511 V2.

Dark grey colour is the standard delivery, but the grill could be painted any color following the customer needs.

SPECIFICATIONS	
BASS:	1 x 10" speaker with 2,56" voice coil
TREBLE:	1 x 1" driver with 1" voice coil
HORN:	100° x 60° constant directivity horn.
POWER:	450W AES/900W Prg. 8 ohm. Nominal Impedance 8 ohm.
SENSITIVITY:	99,15dB/1W/1m. Free field SPL 125,5dB - SPL 128,5dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 40Hz. to 18.000Hz.
SIZE:	46 x 46 x 25,5 (12,5) cm.
WEIGHT:	Net 10,0 kg.



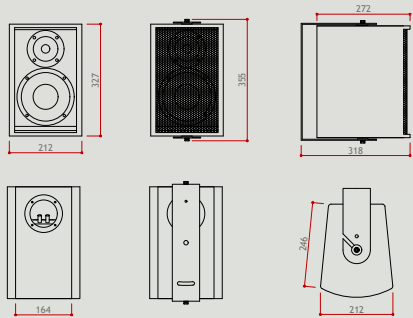
# LW ARQ.06/V2

Our Architectural series is meant for forums, cinema foyers, etc. But many customers find the LW ARQ.06/V2 to be good looking, so it is becoming more of a nice surround used at medium/small cinemas than for any another application.

The wall support, an U bracket, is the standard supporting system. It is also ready to receive the standard Midimount and be hanged vertically. So, depending on the styling of the cinema decoration, our LW ARQ.06/V2 can work in a horizontal or vertical position.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.

SPECIFICATIONS	
BASS:	1 x 6" speaker with 1,46" voice coil
TREBLE:	1 x 1" neo driver horn loaded
HORN:	80° x 80° biradial horn LW7001HFD
POWER:	150W AES, 300W Prg. Nominal Impedance 8 ohm.
SENSITIVITY:	94,8dB/1W/1m. Free field SPL 116,8dB. SPL 119,8dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 54 Hz-20.000 Hz.
SIZE:	32,7 x 21 x 27 cm.
WEIGHT:	Net 5 kg.



Our Architectural series is meant for forums, cinema foyers, etc. But many customers find the LW ARQ.08/V2 to be good looking, so it is becoming more of a nice surround used at medium/small cinemas than for any another application.

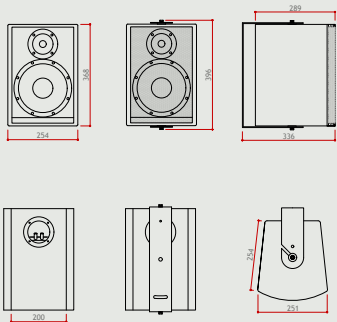
The wall support, an U bracket, is the standard supporting system. It is also ready to receive the standard Midimount and be hanged vertically. So, depending on the styling of the cinema decoration, our LW ARQ.08/V2 can work in a horizontal or vertical position.

As all of the LW Speakers, the unit is painted in the strongest existing painting system: the polyurea.



# LW ARQ.08/V2

SPECIFICATIONS	
BASS:	1 x 8" speaker with 1,5" voice coil
TREBLE:	1 x 1" neo driver horn loaded
HORN:	80° x 80° biradial horn Aurea IW
POWER:	150W AES, 300W Prg. Nominal impedance 8 ohm.
SENSITIVITY:	97,5dB/1W/1m. Free field SPL 119,8dB. SPL 122,8dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 55,6 Hz-20.000 Hz.
SIZE:	36,8 x 25,4 x 28,3 cm.
WEIGHT:	Net 9.5 kg.



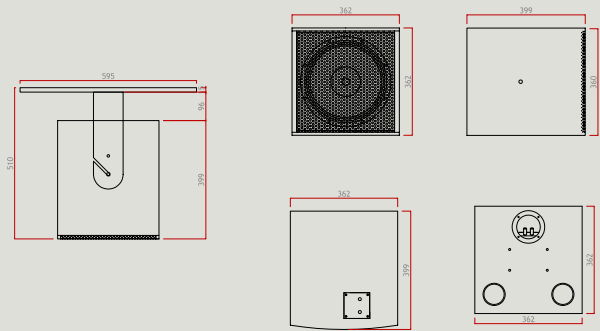
# LW 7609 COAXIAL

This new unit will be introduced at Barcelona CineEurope 2015. It is a 12" coaxial driver two way full range cinema surround speaker, designed with installation easiness for the new multichannel 3D sound systems in mind. With its directivity of 90° x 90°, it can be installed at ceilings, as well as on standard on-wall applications.

This is a two way 490W unit, which includes an LW7711 U-bracket support that can be linked to our LW 7715 Top Support, and the LW 7717 Laser Pointer to help adjusting the perfect aim of the system. As usual with all of the LW surround speakers, they can be painted in any RAL color needed by the customer.

The enclosure is mounted on a 60x60 cm. wisa birch plate, painted with poliurea, to swap with one of the tiles of the ceiling structure.

SPECIFICATIONS	
BASS:	1 x 12" coaxial speaker with 3" voice coil
TREBLE:	1 x 1,5" coaxial driver with 1,5" voice coil
HORN:	Directivity 90° x 90°
POWER:	400W AES/800W+300W Prg. Nominal impedance 8 ohm.
SENSITIVITY:	98dB/1W/1m free field SPL 124dB SPL 127dB with musical criteria.
FREQUENCY RESPONSE:	(-10dB) 70 to 20.000 Hz.
SIZE:	36,2 x 36,2 x 39,9 cm
WEIGHT:	Net 19.3 kg.





# LW 7611 V2 CEILING COAXIAL 12

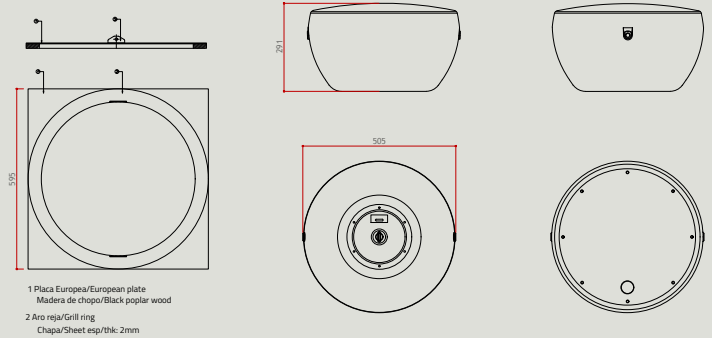
A 12" coaxial driver 2-way full range cinema surround speaker, designed for easy installation and with the new multichannel 3D sound systems in mind. The enclosure is made out of polypropylene to achieve the lightest weight possible (10 kg).

With its 90° x 90° directivity it can be installed both at ceilings and standard on-wall applications. We recommend to install this 2-way 300W speaker together with the optional 60x60 cm ceiling tile support, which includes pan/tilt adjustments.

Same as every other surround speaker from the LW Speakers range, it can be painted white or black, following customer requests.

## SPECIFICATIONS

<b>BASS:</b>	1 x 12" coaxial speaker
<b>TREBLE:</b>	1 x 1" compression driver
<b>HORN:</b>	Directivity 90° x 90°
<b>POWER:</b>	300W AES/600W Program/1200W peak. Impedance 8 ohm.
<b>SENSITIVITY:</b>	96,7dB/1W/1m. free field. 99,7dB/1W/1m. half space. SPL 127,8dB SPL 130,8dB with musical criteria.
<b>FREQUENCY RESPONSE:</b>	(-10dB) 63 to 20.000Hz.
<b>SIZE:</b>	Specially designed for a 60x60 cm ceiling tile space, together with the optional ceiling tile support.
<b>WEIGHT:</b>	Net 10 kg.





AMPLIFIERS

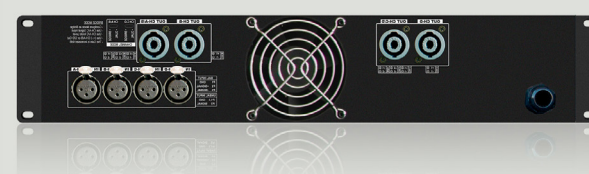
# EK SERIES V2 / MUK SERIES

**MCA** Media Center  
Audiovisual  
2 year guarantee

OUTPUT POWER	EK800V2	EK1400V2	EK2000V2	EK3500V2	MUK420	MUK440	MUK4100
2 ohm	2x500W	2x750W	2x1000W	2x1800W	4x500W	4x1000W	4x2500W*
4 ohm	2x400W	2x700W	2x1000W	2x1750W	4x400W	4x1000W	4x2500W*
8 ohm	2x240W	2x450W	2x650W	2x950W	4x220W	4x630W	4x1400W
Bridge 4 ohm	1x1000W	1x1500W	1x2000W	1x3600W	2x1000W	2x2000W	2x5000W
Bridge 8 ohm	1x800W	1x1400W	1x2000W	1x3500W	2x800W	2x2000W	2x5000W
<b>High-Z</b>							
70V	1x900W	-	2x700W	-	2x900W	4x700W	-
100V	-	1x1400W	-	-	-	-	-



		EK800V2	EK1400V2	EK2000V2	EK3500V2	MUK420	MUK440	MUK4100
Power Bandwidth $\pm 0.25$ dB		20 Hz – 20 kHz						
Total Harmonic Distortion (20Hz-20kHz)		<0.05%						
Intermodulation Distortion (SMPTE)		<0.05%						
Damping Factor (20Hz-500Hz @8ohm)		>500						
Voltage Gain		35 dB						26 to 40 dB
Sensitivity		0.8V	1.1V	1.3V	1.6V	0.8V	1.3V	5.3 to 1.1V
Signal-to-Noise-Ratio		101dB	103dB	104dB	105dB	101dB	104dB	107.5dB
Required AC Mains requerida	Operating voltage (50Hz-60Hz)	170V – 265V AC / 90V – 140V AC						
	1/8 rated power (@230V/4 ohm)	3.5A	4A	5A	10A	7A	10A	16A*
Dimensions (W x H x D) mm		483x88.9x254						483x88.9x274
Weight (Net)		5kg-11lb			6.5kg-14.3lb			8kg-17.6lb



# KINO SERIES

OUTPUT POWER	KINO2-1K4	KINO2-2K7	KINO2-6K	KINO4-6K	KINO4-12K	KINO8-2K7	KINO8-6K	KINO16-12K
4 ohm	2x700W	2x1350W	2x3000W	4x1500W	4x3000W	8x340W	8x750W	16x750W
8 ohm	2x375W	2x900W	2x1500W	4x800W	4x1500W	8x225W	8x400W	16x400W
Bridge 8 ohm	1x1400W	-	-	-	-	4x680W	4x1500W	8x1500W
High-Z								
70V	-	2x1350W	-	4x1500W	-	4x680W	-	-
100V	1x1400W	-	2x3000W	-	4x3000W	-	4x1500W	8x1500W

		KINO2-1K4	KINO2-2K7	KINO2-6K	KINO4-6K	KINO4-12K	KINO8-2K7	KINO8-6K	KINO16-12K
Power Bandwidth ±0.25dB		20 Hz – 20 kHz							
Total Harmonic Distortion (20Hz-20kHz)		<0.05%							
Intermodulation Distortion (SMPTE)		<0.05%							
Damping Factor (20Hz-500Hz @8ohm)		>400							
Voltage Gain		32dB						26/32/38/44dB	
Sensitivity		1.4V	2.1V	2.8V	2V	2.8V	1.1V	1.4V	1.4V
Signal-to-Noise-Ratio		101dB	103dB	104dB	101dB	103dB	104dB	104dB	104dB
Required AC Mains requerida	Operating voltage (50Hz-60Hz)	170V-265V AC 90V-140V AC		90V-265V AC	90V-265V AC		170V-265V AC 90V-140V AC	90V-265V AC	
	Power On Id-ling (@230V)				0.5 A				
	1/8 rated power (@4 Ohm)	1.8A	4A	4.5A	4.5A	9A	4A	4.5A	9A
Dimensions (W x H x D) mm		483×88.9×254-19×3.5×10			483×88.9×396-19×3.5×15.5				483×88.9×406-19×3.5×16
Weight (Net)		5kg-11lb		6kg-13.2lb	7.5kg-16.5lb	9.5kg-20.9lb	7.5kg-16.5lb	5kg-11lb	12kg-26.4lb





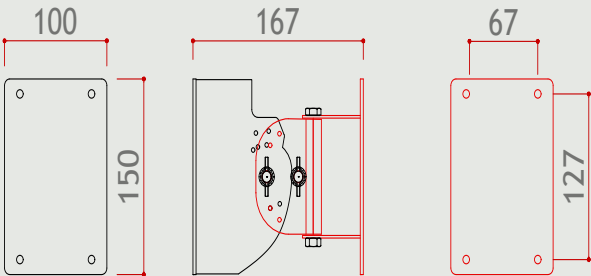
ACCESSORIES

# LW 7712 SUPPORT

This is our strong and multidirectional wall or ceiling support for angling surrounds speakers in 3D sound systems. The unit works in every angle needed.

It can be used together with our LW 7715 Top Support for ceiling structures.

SPECIFICATIONS	
SIZE:	11,7 (between speaker and wall) x 16 x 10 cm.
WEIGHT:	1 Kg.



# LW 7714 SUPPORT / LW 8112 SUPPORT

This is our strong and multidirectional wall or ceiling support for angling 8000 Series surrounds speakers. Designed to work together with models LW 8111, LW 8112 and LW 8113.

The unit works for every possible angle needed by the installer.

SPECIFICATIONS	
SIZE:	39,5 x 37 x 34 cm (width x depth x height). Distance between speaker and wall: 22,5 cm.
WEIGHT:	6 Kg.



# LW 7715 TOP SUPPORT

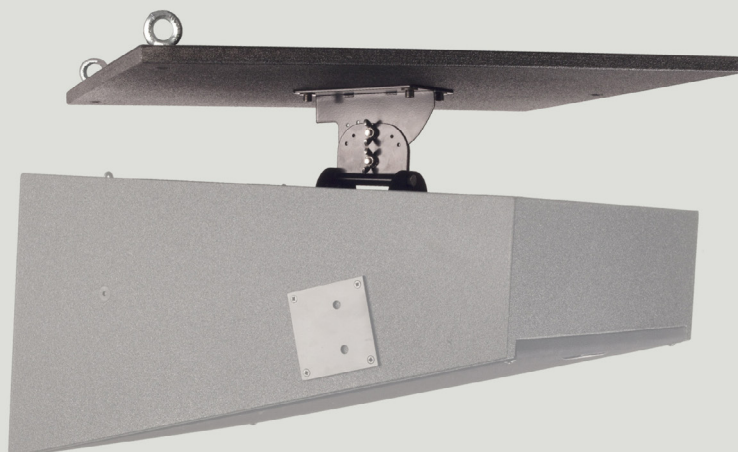
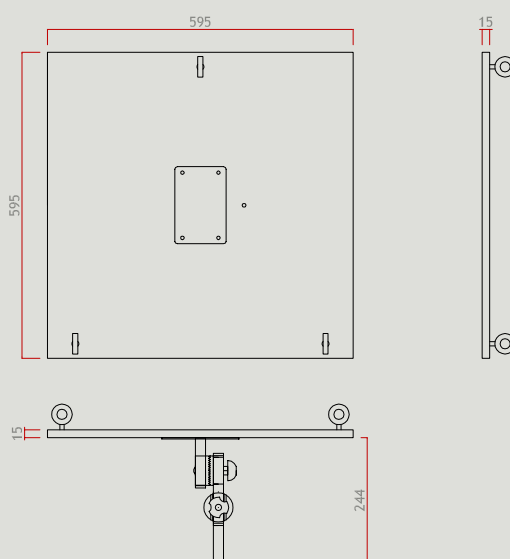
For a friendly TOP surround installation, we are offering this polyester board which can be linked to our LW 7712 Support. The board replaces the acoustic piece of the ceiling structure and it's delivered with customized sizes for an easy replacement.

For security, the board is fitted with 3 hanging rings on the upper side to support secure mounting and a steel wire at the lower side.

## SPECIFICATIONS

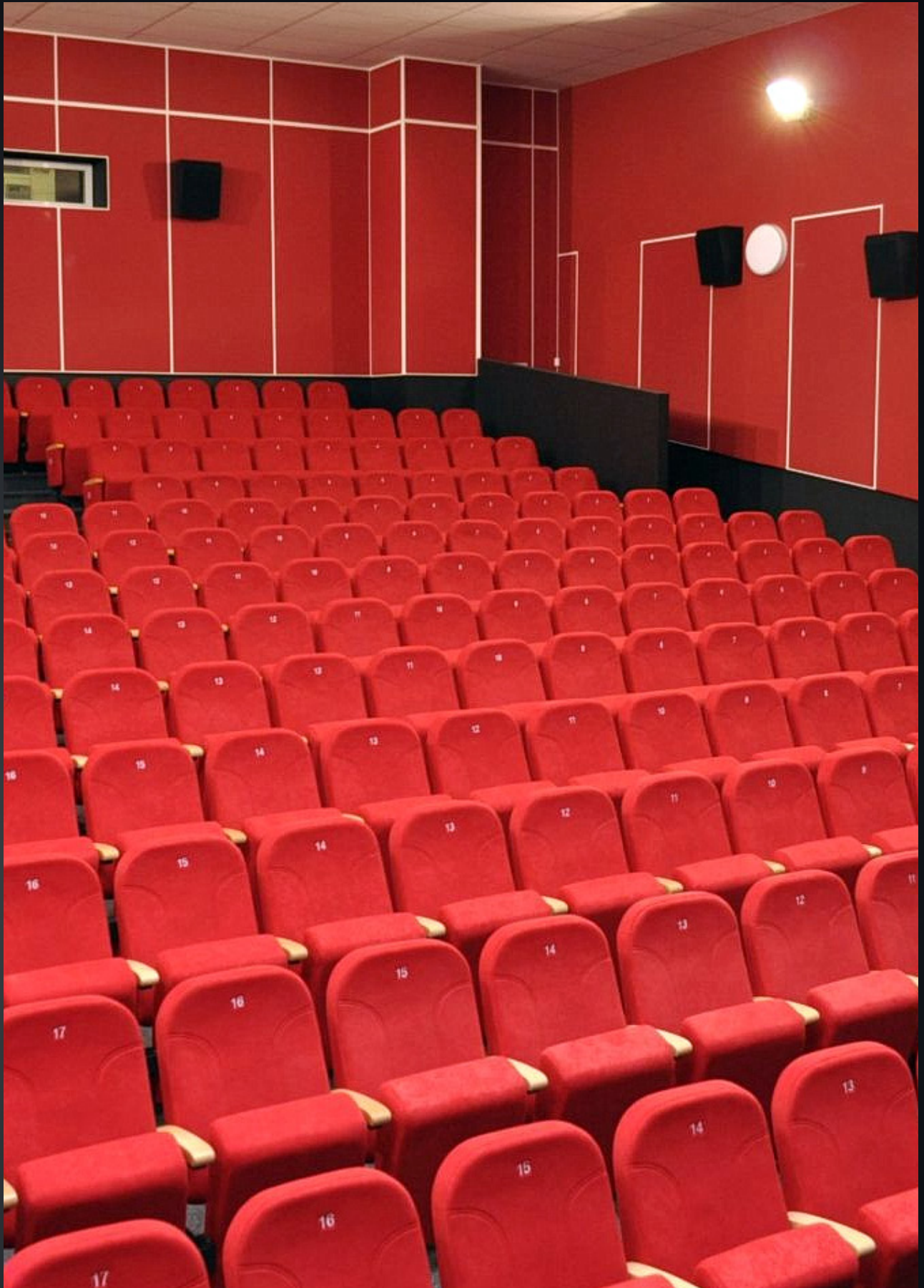
**SIZE:** Standard 60 x 60 cm.  
This sizes can be customized. 25 (between speaker and top) x 18 x 12 cm.

**WEIGHT:** 1,55 Kg.











## CONTACT US

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