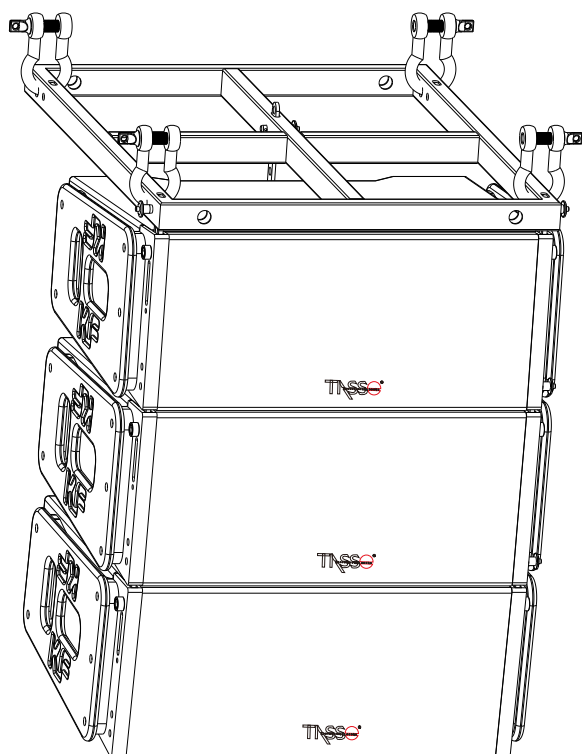


# KF Series

## KF 930

Full range LINE ARRAY speaker system



Frequency range	Hz	48-18000
Power pgm/peak	W	LF:1000/2000 MHF:800/1600
Impedance	Ohm	LF:8 MHF:12
Dispersion		120
Sensitivity	dB	LF:98 MHF:110
SPLmax	dB	140
Dimensions	mm	310*700*580
Weight	kg	41

### GENERAL

The is a symmetrical designed loudspeaker, equipped with

- 2x 10" drivers
- 2x 8" and
- 2x 1.4" drivers adapted to a waveformer with 120 dispersion variable horns.

The KF930 is designed to be driven with a DSP equipped amplifier.

TASSO AUDIO provides presets for the Upcoming amplifier with DSP. As an external controller for other amps it's recommended to use the TASSO DSP360, DSP380 or DSP480.

The KF930 always requires a dedicated preset loaded on the amplifier/controller. Do never use the KF930 without this preset.

Always be aware to have the correct preset loaded on your system amplifier before

connecting the loudspeaker.

For best performance vertical array system requires proper optimization depending on it's Size, curvature, weather condition and the room acoustics. For best system optimization tasso audio recommends professional acoustical measurements tools (phase and magnitude response)

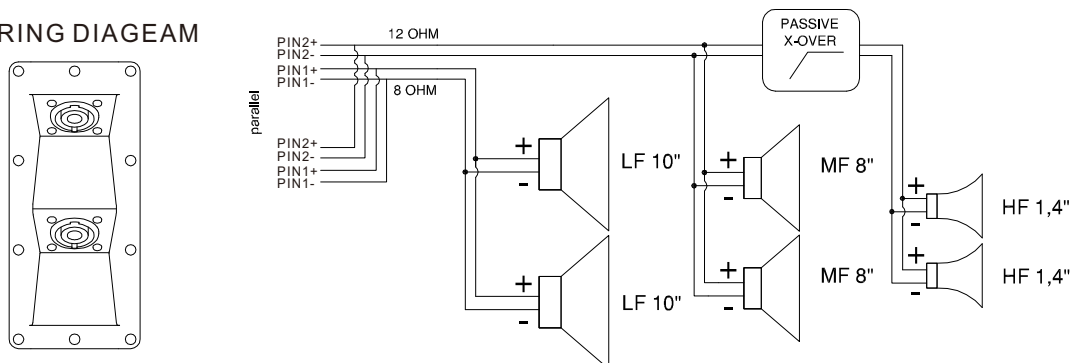
### COMBINATION WITH OTHER PRODUCTS

Kf930 can be combined with any TASSO AUDIO subwoofers products. Be sure about proper time alignment.

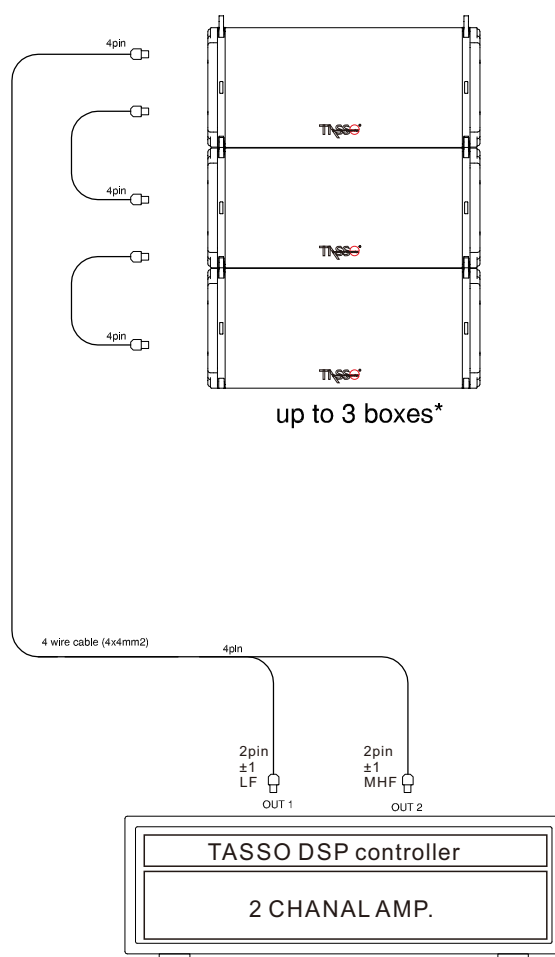
KF930 can be flown together with KF930B.

Study KF930 rigging guide for more array setups possibilities and instructions. Please refer to the attached sheet sample shows.

## INTERNAL WIRING DIAGRAM



## CONNECTION TO AMPLIFIER SYSTEM



### \*NOTE

- For long term high SPL requirements drive only 2 boxes on one TASSO amplifier (4/6 Ohm operation)
- For lower SPL requirements, it is possible to drive up to 4 boxes on TASSO amplifier (2/3 Ohm operation)

## Kf930 IN COMBINATION WITH KF930B

For typical live-music application it is recommended to use KF930B to KF930 in ratio 1:1.  
For infra fulfil TASSO B218 would be an option in ratio 2:1 (2 KF930 to 1 B218).

For special application requirements please contact us.

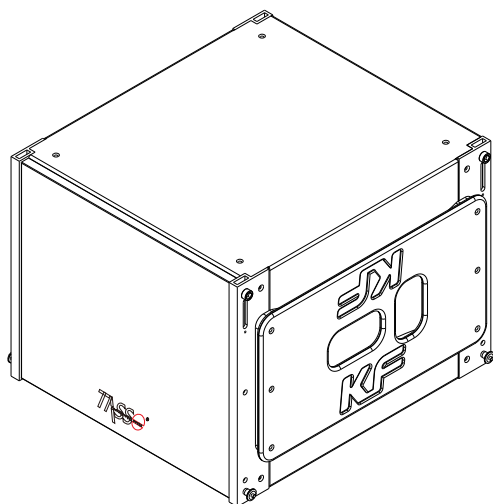


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# KF Series

## KF 930B

Cardioid subwoofer array system



KF930B	TECHNICAL DATA	
Frequency range	Hz	33-120
Power pgm/peak	W	18F: 1600/3200 MHF: 1200/2400
Impedance	Ohm	18:8 15:8
Dispersion		cardioid, hypercardioid
Sensitivity	dB	99
SPLmax	dB	132
Dimensions	mm	606*700*800

### GENERAL

KF930B is flyable active bass-reflex designed low-frequency loudspeaker, equipped with 18" LF driver at the front and one 15" LF driver facing back.

KF930B requires 4 wires speaker cables, where PIN1 is connected to 15" and PIN2 to 18" front driver.

Use only 4 wired loudspeaker cables.

Due to different DSP preset settings KF930B could work in modes:

- cardioid-full cancellation at the back, where frequency depended addition at front, (>20dB front/back ratio, average)
- endfired -wide range addition at front when frequency depended cancellation at the back (>10dB front/back ratio, 2-3dB more frontal summation)

In cardio preset increasing the delay of front driver it is possible to get hypercardioid response. Hypercardioid setup might be used when only left and right subwoofer stacks are possible (less cancellation at the back, more narrow coverage on sides)

KF930B is designed to be powered by DSP equipped amplifier. TASSO AUDIO provides presets for the Upcoming amplifier with DSP. As an external controller for other amps it's

recommended to use the TASSO DSP360, DSP380 or DSP480.

The KF930B always requires a dedicated preset loaded on the amplifier/controller. Do not use the KF930B without this preset.

Always be aware to have the correct preset loaded on your system amplifier before connecting the loudspeaker.

For best performance, sound reinforcement systems requires proper optimization depending on its Size, curvature, weather condition

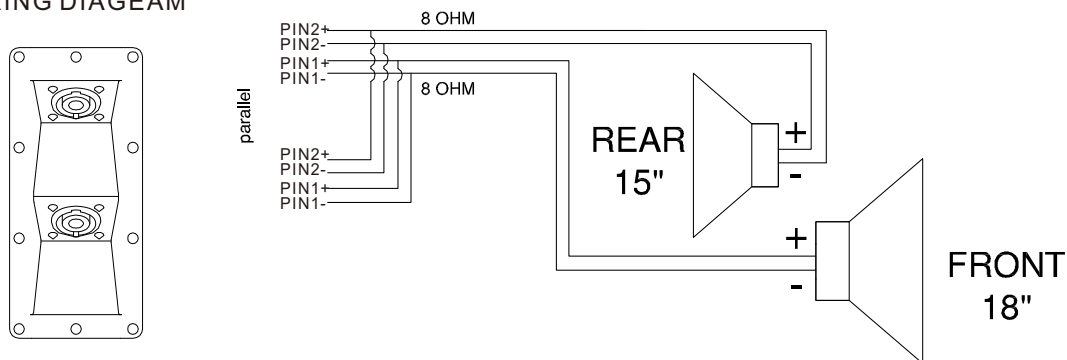
and the room acoustics. For best system optimization TASSO audio recommends professional acoustical measurements tools (phase and magnitude response).

### COMBINATION WITH OTHER PRODUCTS

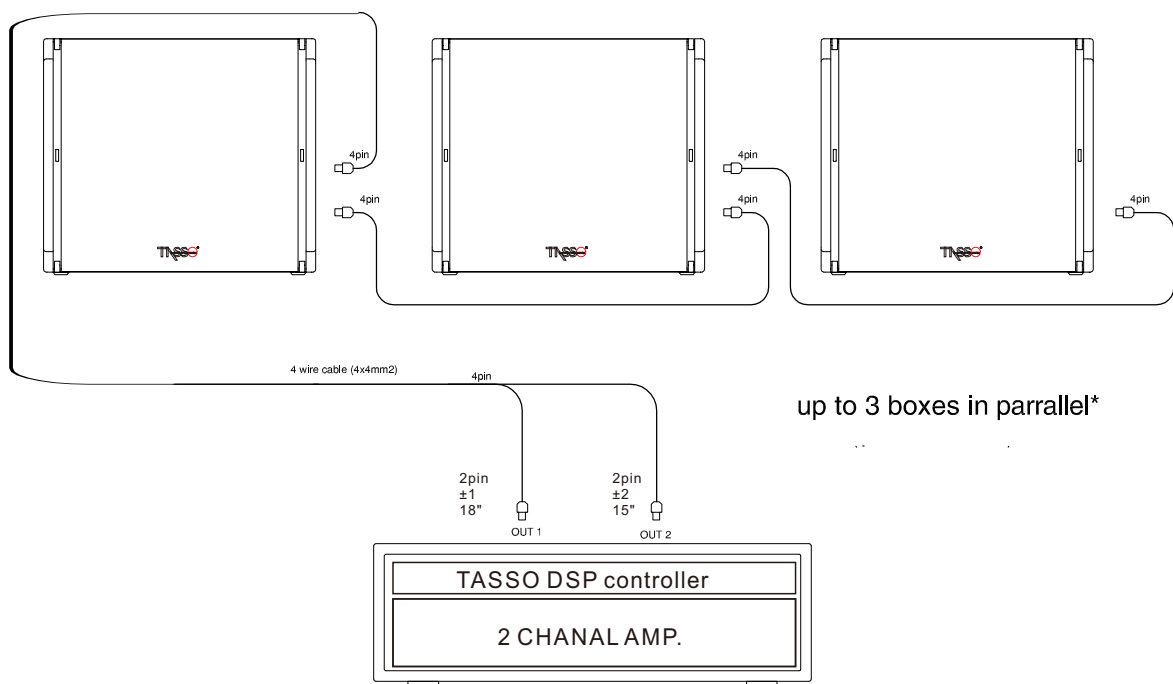
KF930B can be combined with any TASSO AUDIO full-range products. Achieving the best combination KF930.

For different product combinations please contact us.

## INTERNAL WIRING DIAGRAM



## CONNECTION TO AMPLIFIER SYSTEM



### \*NOTE

- For long term high SPL requirements drive only 2 boxes on one TASSO amplifier (4/6 Ohm operation)
- For lower SPL requirements, it is possible to drive up to 4 boxes on TASSO amplifier (2/3 Ohm operation)

## Kf930 IN COMBINATION WITH KF930B

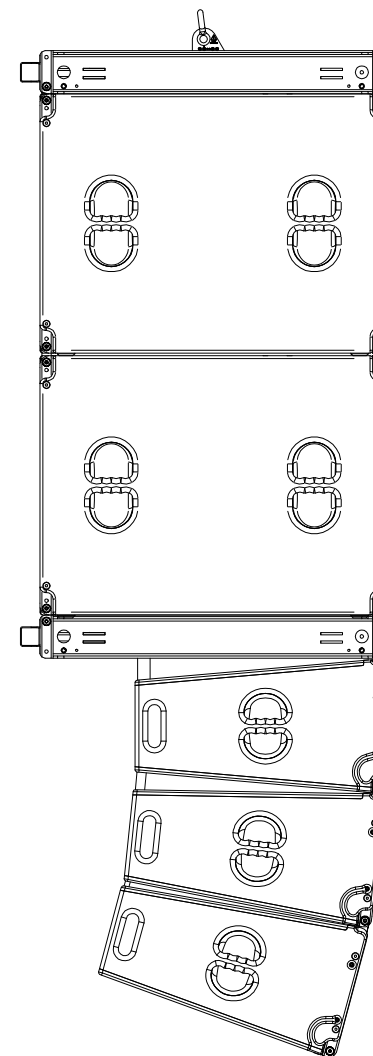
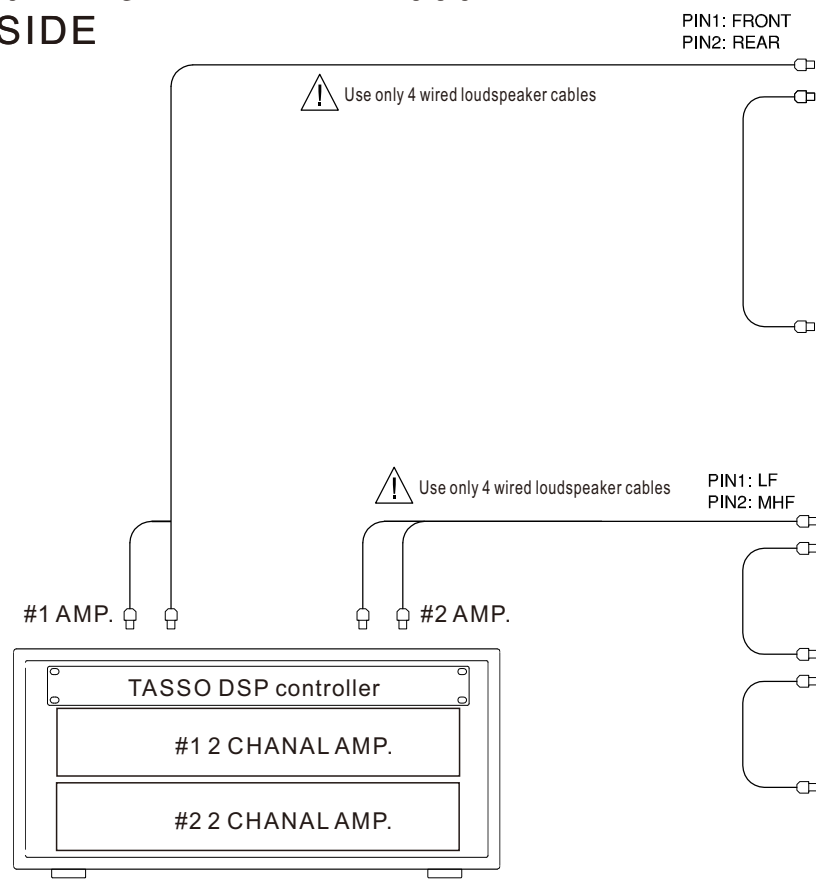
For typical live-music application it is recommended to use KF930B to KF930 in ratio 1:1.  
For infra fulfil TASSO B218 would be an option in ratio 2:1 (2 KF930 to 1 B218).

For special application requirements please contact us.



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## KF 930 - FLOWN WITH KF930B ONR SIDE



## KF 930 basic with front-fill ONR SIDE

