



FLEXYE



small TO BIG scaled application.

POWERFUL SOUND
LINE ARRAY SPEAKER SYSTEM

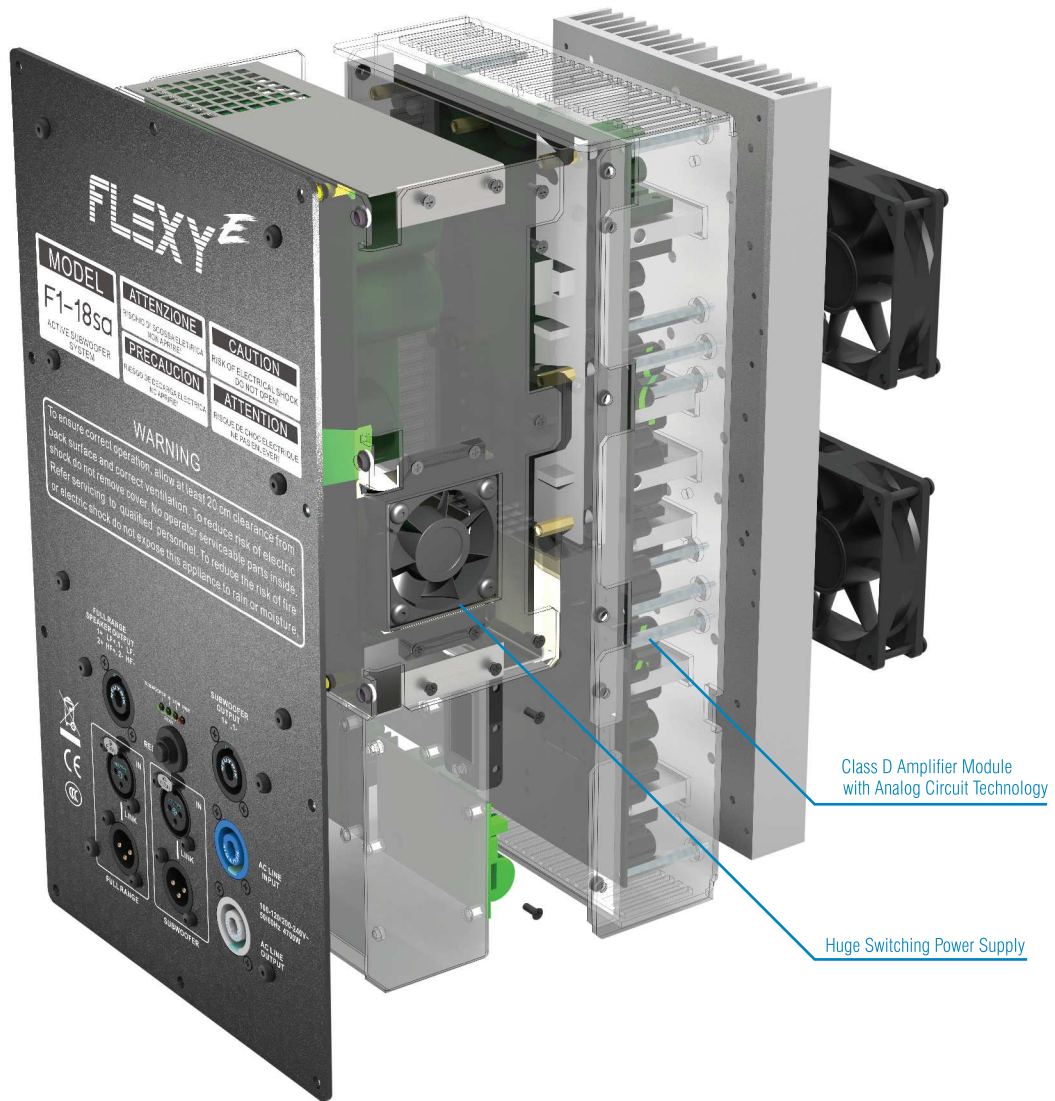
FLEXYE



POWERFUL SOUND

LINE ARRAY SPEAKER SYSTEM

AMPLIFIER MODULE TECHNOLOGIES



Benefiting from exceptional analog circuit and D class switching power technologies, the active **FLEXY[®]** product are well recognized for high quality and reliability.

Without side effects of regular DSP modules usually have such as crash, distortion and complicated operations, the crossover, limiter and EQ are executed by analog circuitry. The exceptional technology helps **FLEXY[®]** amplifier module to deliver high fidelity sound with inherent stability.

The comprehensive protections such as as thermo protection at 75 degree celsius, power surge protection, DC protection and overcurrent protection certainly create a good foundation of reliable amplification system. The cooling system is facilitated by isolating heat-sinking object and audio circuit completely, which help the amplifier module operate stably and continuously under hard condition of high temperature.

To push performance limit of active systems, we started to develop amplifier module and speaker cabinet together at the same time, tailor the design of all of these elements to optimize their interactions for the best performance.

SPECTACULAR SENSE

AND SIMPLICITY WITH **FLEXY^E** TRANSPORTATION DESIGN

FLEXY-X TRANSPORTATION LID x 1
SPEAKER POLE WITH SCREW THREADS,LENGTH: 380mm x 1
SPEAKER POLE WITH SCREW THREADS,LENGTH: 580mm x 1
4 PIN SPEAKER CABLE, 0.5 METER WITH 2 x NEUTRIK NL4 CONNECTORS x 1
4 PIN SPEAKER CABLE, 2 METER WITH 2 x NEUTRIK NL4 CONNECTORS x 1
1 METER NEUTRIK POWERCON x 1

F1-110E

10-INCH PASSIVE LINE ARRAY SPEAKER x 2

F1-18sa

15-INCH ACTIVE SUBWOOFER x 1

or

F1-118E

18-INCH PASSIVE SUBWOOFER x 1

Two tops are stacked onto bass speaker and shackied by speaker's rigging hardware itself, standing poles and cables are hidden in the lid intelligently. Together with tailored protection cost, our patented design provides **FLEXY^E** system an easy transporting solution with tremendous convenience and stornig protection.

SMALL TO BIG SCALED APPLICATION

INCREDIBLY EXTENDABLE



The true modular design provides **FLEXY[®]** series amazing flexibilities to be combined, split and extended freely from 300 people to 8000 people scaled application, from the simplest 2+1 mono to 4-way large system.

The FOH engineers imagination at application can be achieved by easy combination in different ways, which is just as simple as simple as a building block game.

PROFESSIONAL & QUICK RIGGING SYSTEM



Fly Flexy
Live Sound & Tour

Fly Flexy
Fixed Installation



Ground Stack

Adapting to different preferences and scale of applications. The high performance **FLEXY^F** series offers various combinations and choices, **FLEXY^F** is always herewith a proper solution that meets your need.

FLEXY^E

F-ONE

FLEXY E is powerful sound Line Array Speaker System, This series adapting to different preferences and scale of applications. With high performance offers various combinations and choices always herewith a proper solution that meets your need. The true modular design provides FLEXY E series amazing flexibilities to be combined, split and extended freely from 300 people to 8000 people scaled application, from the simplest 2+1 mono to 4-way large system.

F1-110E

10-INCH PASSIVE LINE ARRAY SPEAKER



- 10-inch 2-way bi-amp passive line array speaker.
- Driver high quality with One 3" (1.4" exit) Neodymium (75mm Coil) and One 10" (75mm Coil) Neodymium.
- Designed by the right all criteria of Wave front Sculpture Tecchnology (WST).
- 90° horizontal and 10° vertical coverage.
- Ultra compact and solid enclosure high quality multilayer plywood.
- Finished with Black water-based paint.
- Applications with rigging system, ground stacked for font fill use or pole-mounted on F1-118E Subwoofer for main PA.

F1-118E

18-INCH PASSIVE SUBWOOFER



- 18-inch passive subwoofer speaker.
- Driver high quality with One 18" driver (100mm voice coil) Ferrite.
- Ultra compact and solid enclosure high quality multilayer birch plywood.
- Finished with Black water-based paint.
- 4 lockable wheels design offers easy movement.
- Applications with rigging system, ground stacked for font fill use or pole-mounted under F1-110E line array speaker for main PA.

F1-18SA

ACTIVE 18-INCH SUBWOOFER

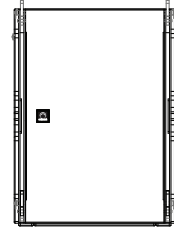
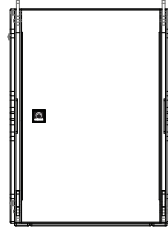
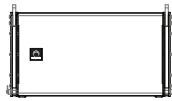


- 18-inch active subwoofer speaker.
- Driver high quality with One 18" driver (100mm voice coil) Ferrite.
- Class-D Amplifier Module with Analog Circuit Technology.
- Huge Switching Power Supply.
- Ultra compact and solid enclosure high quality multilayer birch plywood.
- Finished with Black water-based paint.
- 4 lockable wheels design offers easy movement.
- Applications with rigging system, ground stacked for font fill use or pole-mounted under F1-110E line array speaker for main PA.

FLEXYE

F-ONE

SPECIFICATIONS

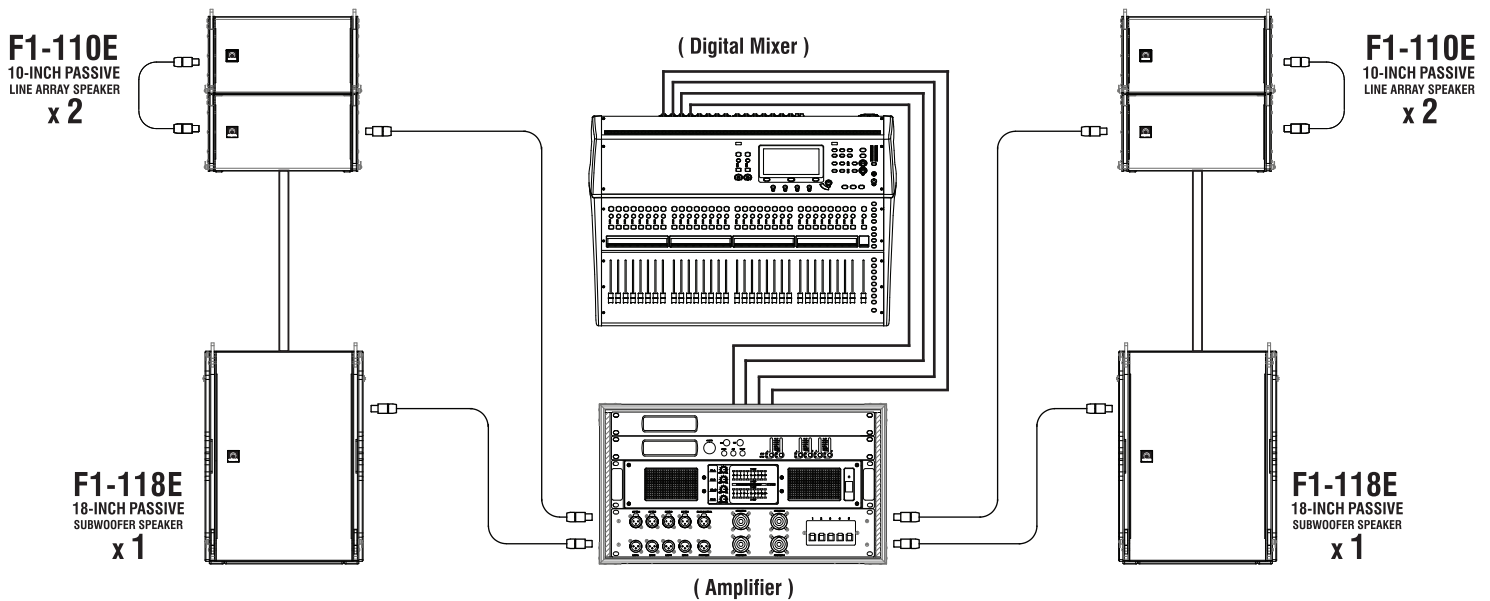


MODEL	F1-110E	F1-118E	F1-18SA
Frequency Response ($\pm 3\text{dB}$)	90 Hz~18 KHz	45 Hz~100 Hz	45 Hz~100 Hz
Frequency Response (-10dB)	80 Hz~20 KHz	35 Hz~150 Hz	35 Hz~150 Hz
Horizontal Coverage	90°	-	-
Vertical Coverage	10° (adjustable maximum)	-	-
LF Power Rating (AES)	350W @16 Ω	800W @8 Ω	800W
HF Power Rating (AES)	80W @16 Ω	-	-
Sensitivity (@1W/1m) LF/HF	103/110 dB	98 dB	98 dB
Maximum SPL LF/HF	128/129 dB	127 dB	127 dB
Peak SPL LF/HF	134/135 dB	133 dB	133 dB
Driver LF	One 10" (75mm Coil.) Neodymium	One 18" (100mm Voice Coil.) Ferrite	One 18" (100mm Voice Coil.) Ferrite
Driver HF	One 3"(1.4" exit) Neodymium (75mm Coil.)	-	-
Connectors	2 Neutrik NL4	2 Neutrik NL4	Neutrik XLR + POWERCON + SPEAKON
Connection Method	LF : 1+1- , HF: 2+2-	LF : 1+1-	-
Enclosure	15mm, 18mm Multilayer Plywood	15mm, 18mm , 24mm Multilayer Plywood	15mm, 18mm, 24mm Multilayer Birch Plywood
Grille	Black Steel Mesh + Acoustic Transparent Cloth	Black Steel Mesh + Acoustic Transparent Cloth	Black Steel Mesh + Acoustic Transparent Cloth
Finish	Black water-based paint	Black water-based paint	Black water-based paint
Riggings	3 Fly Points + Pole Mounts	4 Fly Points + Pole Mounts	4 Fly Points + Pole Mounts
3 Channels Class-D Amp Module@4 Ω	-	-	SUB Channel LF Channel HF Channel
	-	-	2500W 2500W 1000W
THD (1Khz,Full Power 4 Ω)	-	-	1%
Signal to noise ratio	-	-	103 dB 103 dB 102.5 dB
Active Gain (1KHz, 8 Ω)	-	-	32 dB 32 dB 20 dB
Input	-	-	Neutrik & Male XLR & Female XLR
Input Impedance	-	-	20K Ω Balanced / 10K Ω Unbalanced
Input Connection (Full-Range)	-	-	Neutrik NL4MP (LF: 1+1- , HF: 2+2-)
Input Connection (Sub)	-	-	Neutrik NL4MP (BASS: 1+1-)
Cooling System	-	-	The airflow direction from back to front
Voltage Requirements	-	-	200-240V ~ 50-60Hz
Dimensions (H x W x D)	279 x 526 x 339 mm	750 x 556 x 655 mm	750 x 556 x 655 mm
Net Weight	20 kg	70 kg	79 kg

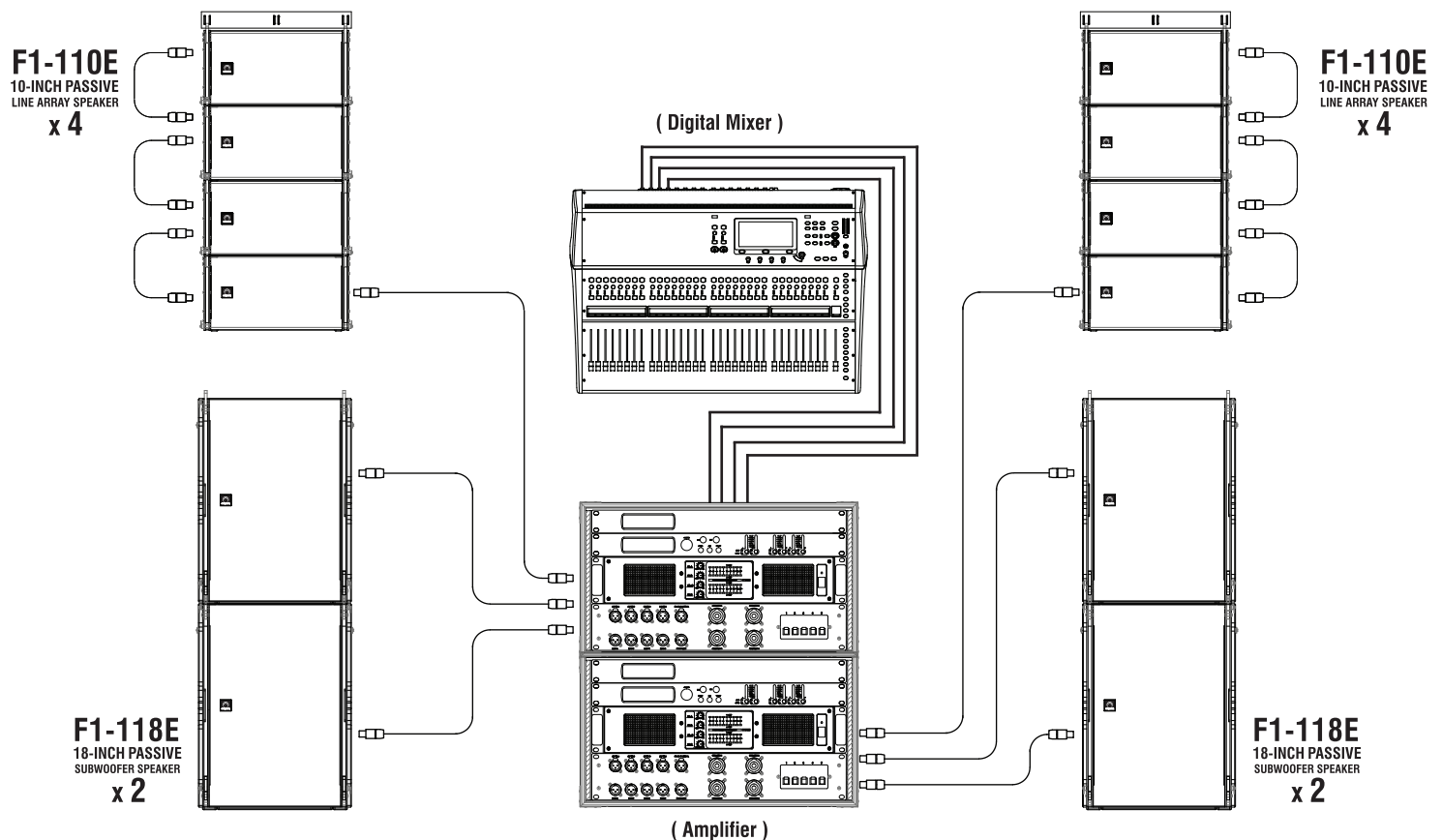
FLEXY^E

PASSIVE LINE ARRAY SPEAKER SYSTEM

FLEXY E 4+2 DIAGRAM



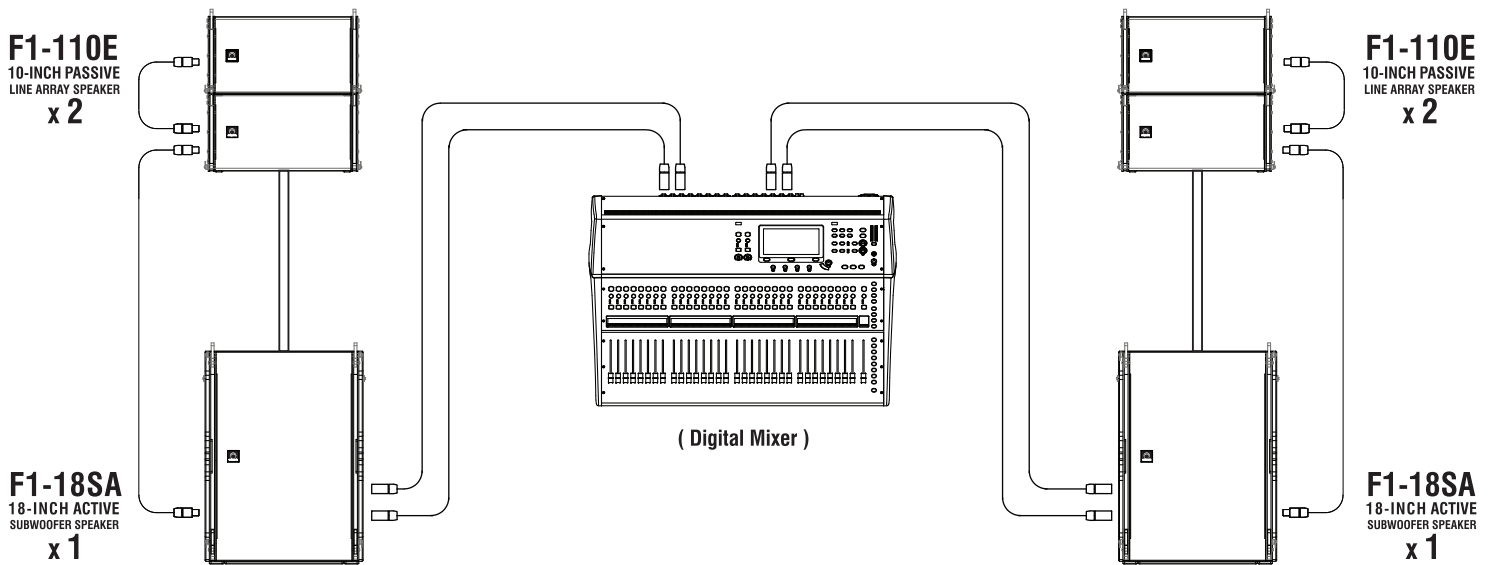
FLEXY E 8+4 DIAGRAM



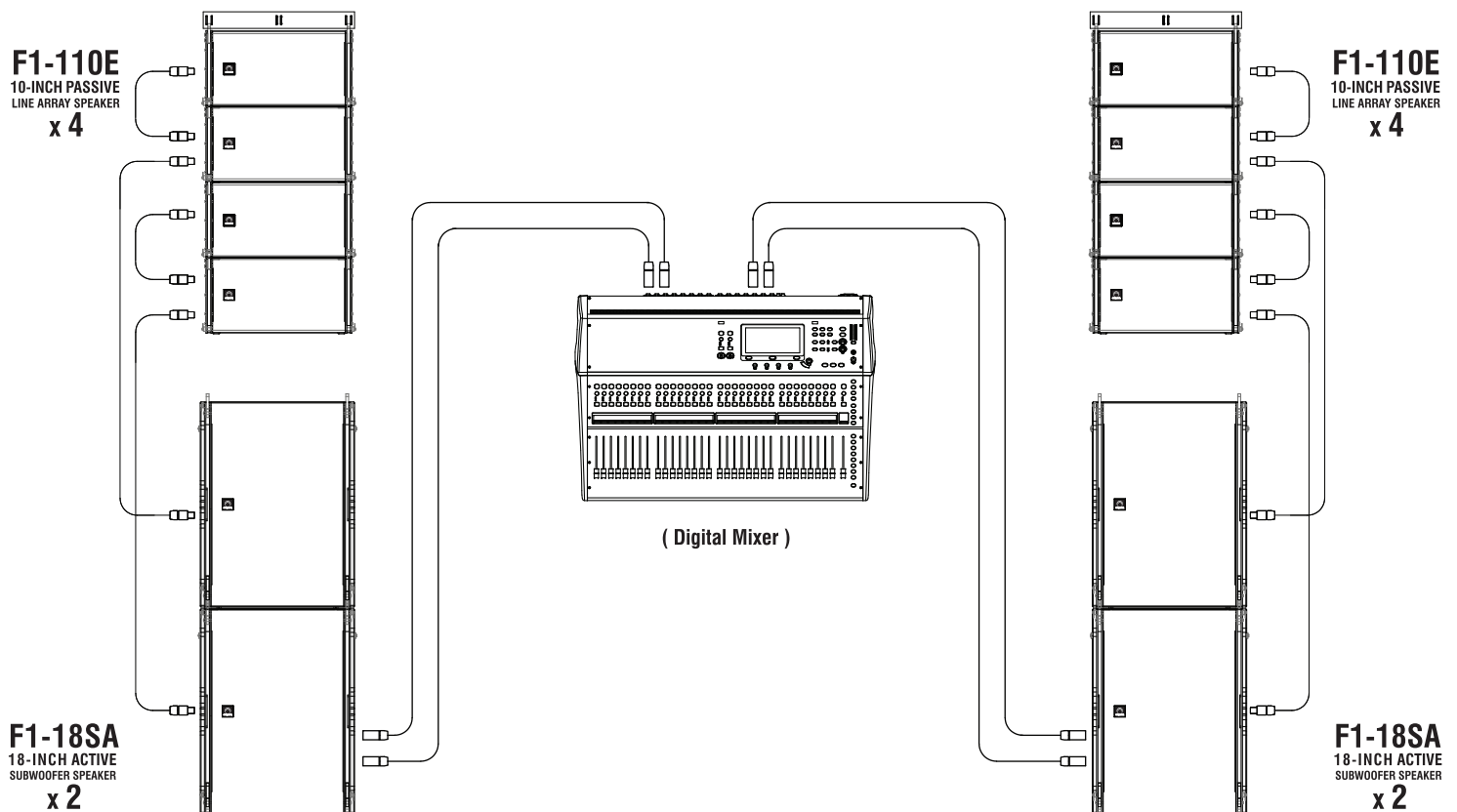
FLEXY^E

ACTIVE LINE ARRAY SPEAKER SYSTEM

FLEXY E 4+2 DIAGRAM



FLEXY E 8+4 DIAGRAM



FLEXYE



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