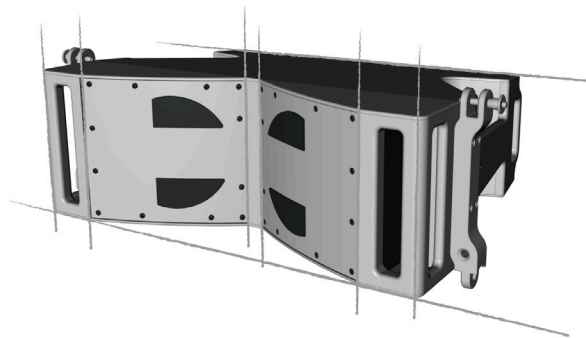


MANTAS 28

RECOMMENDED SYSTEM DESIGNS



October 2019 VER 2.1

ROUTINE

SYSTEMS' DESCRIPTION

PRODUCT DESCRIPTION: Its top-grade components – two 8-inch midwoofers with Neodymium magnets and a 3-inch compression driver loaded with the well-known D.P.R.W.G. – ensure absolutely insignificant distortion levels and greater reliability. In simple operational terms, Mantas 28 can best be described as a 'compact, medium throw' line-source system, delivering exceptional intelligibility, headroom and power up to around 60 metres depending on location and configuration. Many systems can make the same claim in terms of performance, but very few achieve these results from an enclosure which is so small and light in weight.

KITS DESCRIPTION: These configurations ensure the best ratio between loudspeakers & amplifiers quantity, thus becoming an excellent investment with a fast economic return. They also guarantee an optimal combination between different kits of different product families (e.g. GTO kits & Mantas 28 kits), facilitating the cooperation within the Outline Rental Network thanks to the plug & play solutions.

MANTAS28 SILVER CONFIGURATION

Minimum configuration suitable to reinforce a 500 to 1 000 people audience area, with high size/ power ratio. Perfect matching with all GTO, C-12 & Superfly kits for downfill and outfill applications.

MANTAS28 GOLDEN CONFIGURATION

Complete solution suitable to reinforce a 600 to 1 500 people audience area. Perfect matching with all GTO, C-12 & Superfly kits for downfill and outfill applications.

MANTAS28 PLATINUM CONFIGURATION

Complete solution to reinforce a 1 500 to 3 000 people audience area. Perfect matching with all GTO, C-12 & Superfly kits for downfill and outfill applications.

	MANTAS28	DBS18-2	LIPFILL	RACK A	NEWTON
SILVER	12	6	-	2	1
GOLDEN	16	8	-	2	1
PLATINUM	24	12	4	4	1

MANTAS28 SILVER CONFIGURATION

MANTAS 28	Two-way DPRWG® line array element	12
DBS 18-2	Very high power portable subwoofer system, 2 x 18"	6
FRM1-AL630	Superfly/Mantas28 aluminium main frame	2
SP4 LKI8-12	12 m subwoofer cable (8pole x 4 mm ²) with male LKI8 / 4 Speakon connectors	2
SPK 4X4-15	15 m loudspeaker cable (4 poles x 4 mm ²) with Neutrik speakon connectors	4
SPK 4X2.5-0.7	70 cm loudspeaker cable (4 poles x 2.5 mm ²) with Neutrik speakon connectors	8
RACK A	4U touring rack with 1 GTA-Otto amplifier*	2
FCASE-M28-3P	Flight case suitable for three Mantas 28 enclosures	4
SCAP-DBS18-2	Weather protection cover for DBS 18-2	6
TROLLEY XIII	Wheeled trolley/front panel protection for DBS 18-2	6
NEWTON RACK	4U touring rack with 1 Newton16+8*	1
SF.MT-TR	Superfly/Mantas28 Family training (2 days)	1

* See the bottom of the document for more details

MANTAS28 GOLDEN CONFIGURATION

MANTAS 28	Two-way DPRWG® line array element	16
DBS 18-2	Very high power portable subwoofer system, 2 x 18"	8
FRM1-AL630	Superfly/Mantas28 aluminium main frame	2
SP4 LKI8-12	12 m subwoofer cable (8pole x 4 mm ²) with male LKI8 / 4 Speakon connectors	2
SPK 4X4-15	15 m loudspeaker cable (4 poles x 4 mm ²) with Neutrik speakon connectors	4
SPK 4X2.5-0.7	70 cm loudspeaker cable (4 poles x 2.5 mm ²) with Neutrik speakon connectors	12
RACK A	4U touring rack with 1 GTA-Otto amplifier*	2
FCASE-M28-2P	Flight case suitable for two Mantas 28 enclosures	8
SCAP-DBS18-2	Weather protection cover for DBS 18-2	8
TROLLEY XIII	Wheeled trolley/front panel protection for DBS 18-2	8
NEWTON RACK	4U touring rack with 1 Newton16+8*	1
SF.MT-TR	Superfly/Mantas28 Family training (2 days)	1

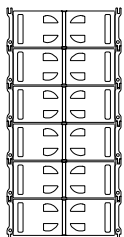
* See the bottom of the document for more details

MANTAS28 PLATINUM CONFIGURATION

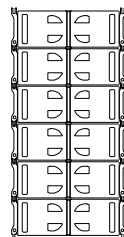
MANTAS 28	Two-way DPRWG® line array element	24
LIPF-082	Two-way front-fill loudspeaker element	4
DBS 18-2	Very high power portable subwoofer system, 2 x 18"	12
FRM1-AL630	Superfly/Mantas28 aluminium main frame	2
SP4 LK18-12	10 m subwoofer cable (8pole x 4 mm ²) with male LK18 / 4 Speakon connectors	4
SPK 4X4-10	10 m loudspeaker cable (4 poles x 4 mm ²) with Neutrik speakon connectors	8
SPK 4X4-15	15 m loudspeaker cable (4 poles x 4 mm ²) with Neutrik speakon connectors	6
SPK 4X2.5-0.7	70 cm loudspeaker cable (4 poles x 2.5 mm ²) with Neutrik speakon connectors	18
RACK A	4U touring rack with 1 GTA-Otto amplifier*	4
FCASE-M28-3P	Flight case suitable for three Mantas 28 enclosures	8
FC-2LIPF	Flight case for two LIPF enclosures	2
SCAP-DBS18-2	Weather protection cover for DBS 18-2	12
TROLLEY XIII	Wheeled trolley/front panel protection for DBS 18-2	12
NEWTON RACK	4U touring rack with 1 Newton16+8*	1
SF.MT-TR	Superfly/Mantas28 Family training (2 days)	1

* See the bottom of the document for more details

MANTAS28 SILVER CONFIGURATION



#6 MANTAS28

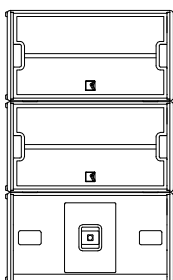


#6 MANTAS28

NEWTON 16+8



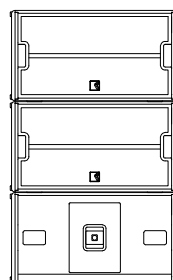
#3 DBS18-2



RACK A



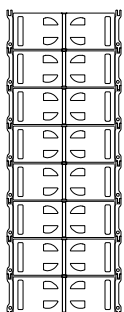
#3 DBS18-2



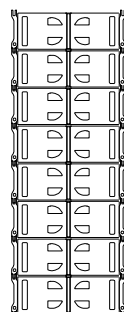
RACK A



MANTAS28 GOLDEN CONFIGURATION



#8 MANTAS28

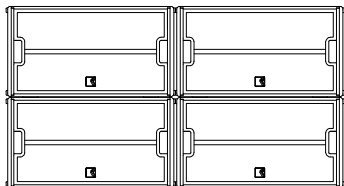


#8 MANTAS28

NEWTON 16+8



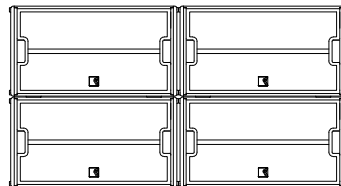
#4 DBS18-2



RACK A



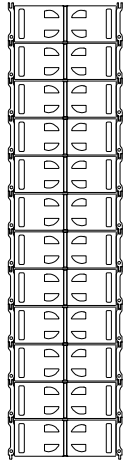
#4 DBS18-2



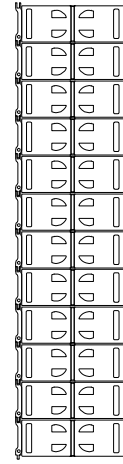
RACK A



MANTAS28 PLATINUM CONFIGURATION



#12 MANTAS28



#12 MANTAS28

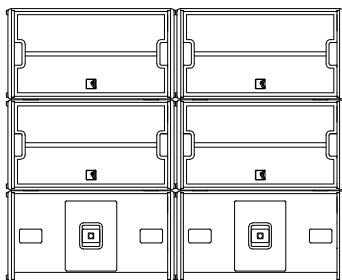
NEWTON 16+8



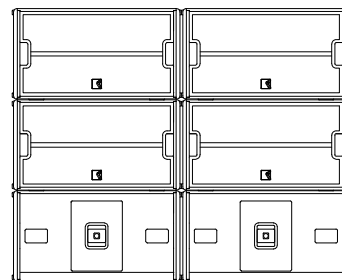
#4 LIPFILL



#6 DBS18-2



#6 DBS18-2



RACK A



RACK A



RACK A

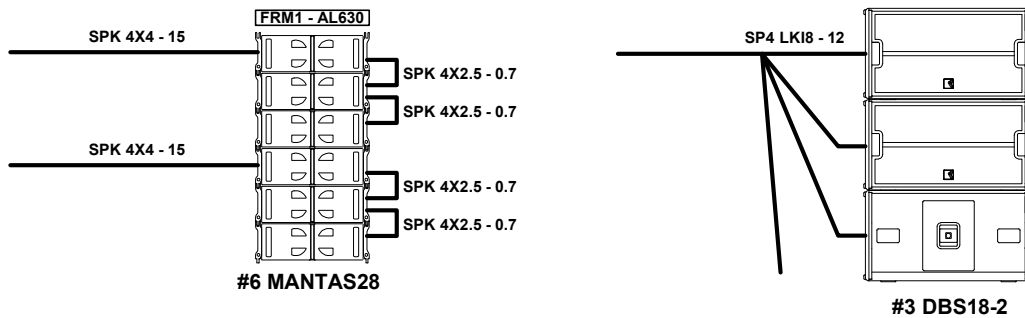


RACK A

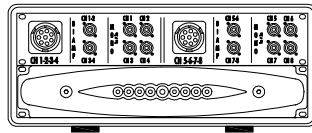


MANTAS28 SILVER WIRING

(half system diagram)

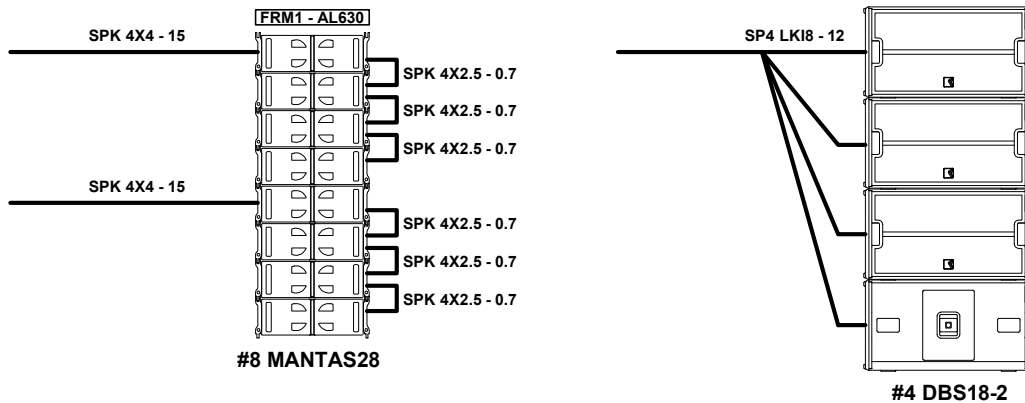


RACK A

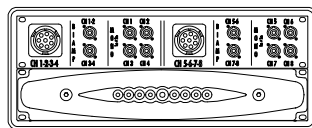


MANTAS28 GOLDEN WIRING

(half system diagram)

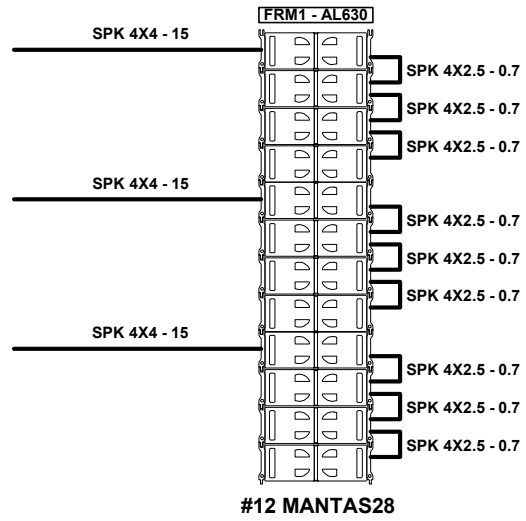


RACK A

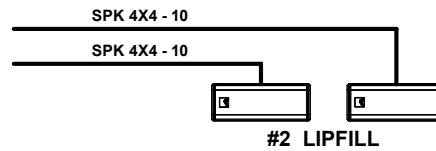
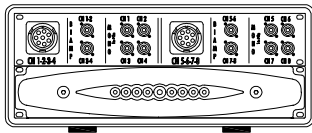


MANTAS28 PLATINUM WIRING

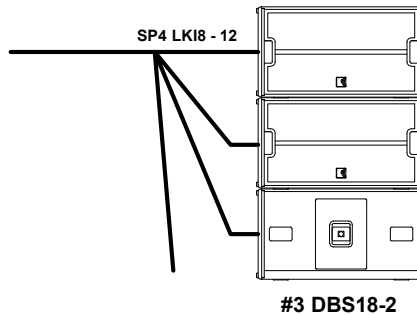
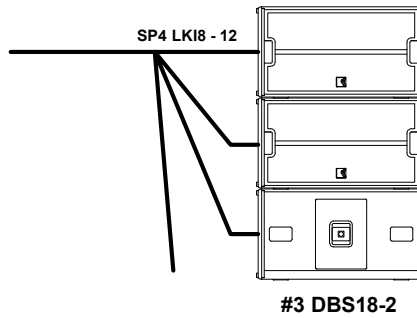
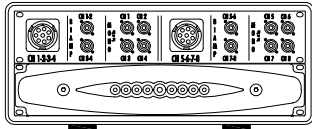
(half system diagram)



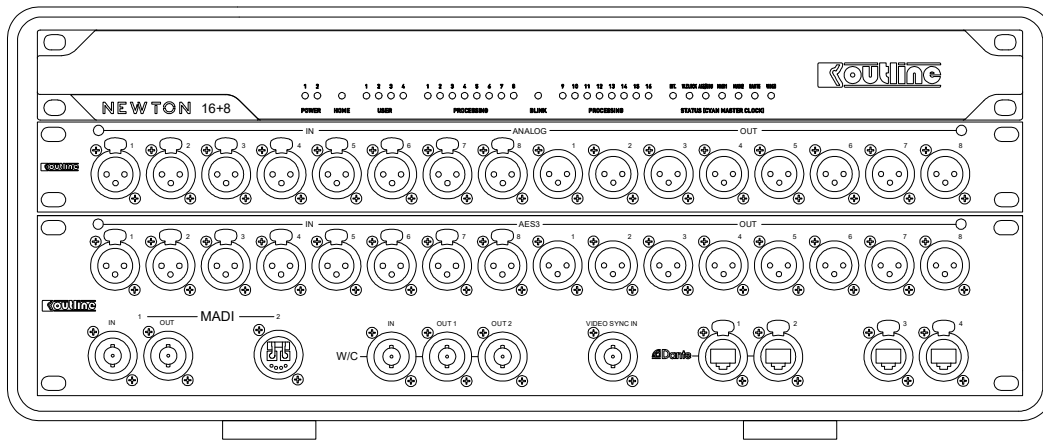
RACK A



RACK A

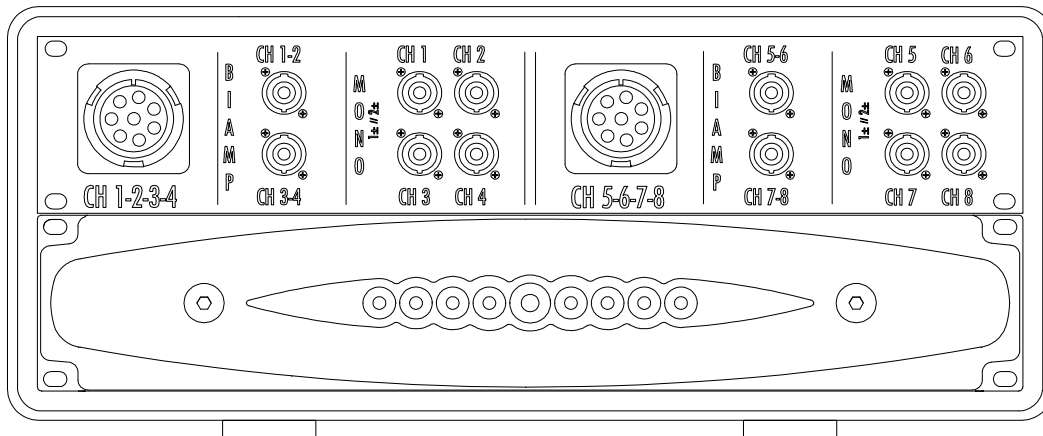


NEWTON RACK



NEWTON 16+8	Multi function 16in/16out. Clock&backup management. Madi opt&coax, Dante, AES3 + 8 analog inputs&outputs	1
CABLANWT-ANL	Analog wiring panel for Newton- 8in/8out	1
CABLANWT-DGT	Digital wiring panel for Newton. 8 connectors in/8out AES3, Madi opt&coax, Dante, Ethernet, W/C in/out, video sync in	1

RACK A



GTA-Otto	Grand Touring Amplifier Series 8-channel 2U rack amplifier	1
CABLA1-0X8	2U Distro panel for GTA Series amplifiers	1
AMP-RACK20X4	4U amprack flycased. Including mounting and inner wiring	1