

S.R.L. "CASA MUZICII"
data inregistrării – 20.03.2012 nr. MD 0116105
c/f 1012609000690 CUIIO = 40827181, T.V.A.3800434
Adresa Juridică : or. Calarasi str. Pan Halippa nr. 27
Director: Leahu Alexandru tel.: 069130120.

Fișa tehnică a bunurilor

Pentru Procedura de Achiziții Publice, Licitatie deschisă Nr. 21436393/ocds-b3wdp1-MD-1750398752731 din 20.06.2025,

Ecran LED, Sistem de lumină scenă și Sistem de sonorizare în cadrul proiectului "Uniți prin cultură, aproape de tradiții și valori românești"

Lotul nr. 1 - Ecrane LED

Lotul nr. 2 - Sistem de lumină scenă

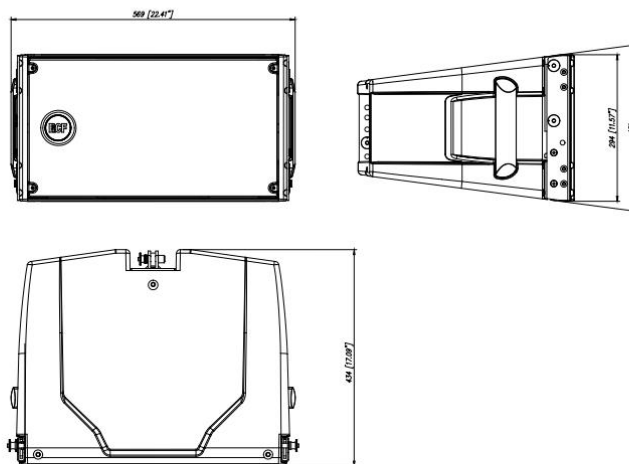
Lotul nr. 3 - Sistem de sonorizare



HDL 10-A

ACTIVE LINE ARRAY MODULE

Line Art 2D



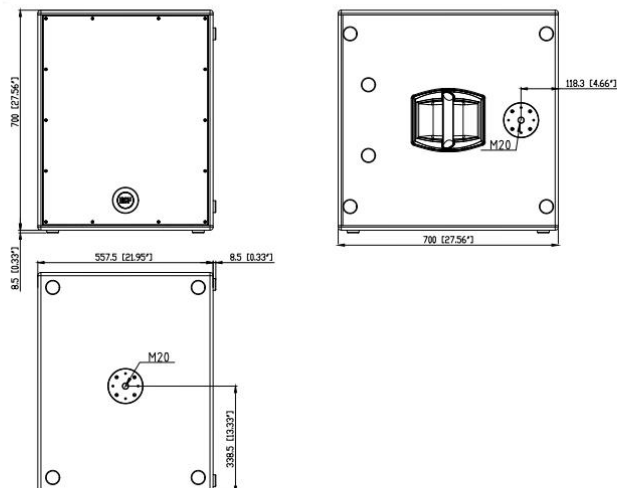
TECHNICAL SPECIFICATIONS		
Acoustical specifications	Frequency Response	65 Hz ÷ 20000 Hz
	Max SPL @ 1m	133 dB
	Horizontal coverage angle	100°
	Vertical coverage angle	15°
Transducers	Compression Driver	1 x 2.0", 2.5" v.c
	Woofer	2 x 8", 2.0" v.c
Input/Output section	Input signal	bal/unbal
	Input connectors	XLR
	Output connectors	XLR
	Input sensitivity	-2 dBu/+4 dBu
Processor section	Crossover Frequencies	800 Hz
	Protections	Thermal, RMS
	Limiter	Soft Limiter
	Controls	Cluster, HF, High curving, Indoor
Power section	Total Power	1400 W Peak, 700 W RMS
	High frequencies	400 W Peak, 200 W RMS
	Low frequencies	1000 W Peak, 500 W RMS
	Cooling	Convection
	Connections	Powercon IN/OUT
	Safety agency	CE compliant
Standard compliance	Cabinet/Case Material	PP Composite
Physical specifications	Hardware	Rigging flyware
	Handles	2 side
	Grille	Steel
	Color	Black, White
	Size / Weight	
	Height	294 mm / 11.57 inches
	Width	569 mm / 22.4 inches
	Depth	434 mm / 17.09 inches
	Weight	20.4 kg / 44.97 lbs



SUB 8004-AS

ACTIVE HIGH POWER SUBWOOFER

Line Art 2D



Acoustical specifications

Transducers

Input/Output section

Processor section

Power section

Standard compliance

Physical specifications

Size / Weight

Rigging / Mounting

TECHNICAL SPECIFICATIONS

Frequency Response

Woofer

Input signal

Input connectors

Output connectors

Input sensitivity

Hi-Pass Frequencies

Low-Pass Frequencies

Protections

Limiter

Controls

30 Hz ÷ 120 Hz

1 x 18", 4.0" v.c

bal/unbal

XLR

XLR

-2 dBu/+4 dBu

120 Hz

90 Hz

Thermal, RMS

Fast Limiter

Xover, Phase switch, Deep/Punch, Output Delay Settings,

Cardioid

Total Power

Low frequencies

Cooling

Connections

Safety agency

Pole mount/Cap

Color

2500 W Peak, 1250 W RMS

2500 W Peak, 1250 W RMS

Convection

Powercon IN/OUT

CE compliant

M20 thread

Black

Height

Width

Depth

Weight

700 mm / 27.56 inches

558 mm / 21.97 inches

700 mm / 27.56 inches

56 kg / 123.46 lbs

ACCESSORIES

POLE MOUNT KITS

13360232 AC PMX

13360067 PM-KIT M20

Black

EAN 8024530010058

EAN 8024530014599

STACKING KITS

13360231 STCK-KIT SUB 8006

Black

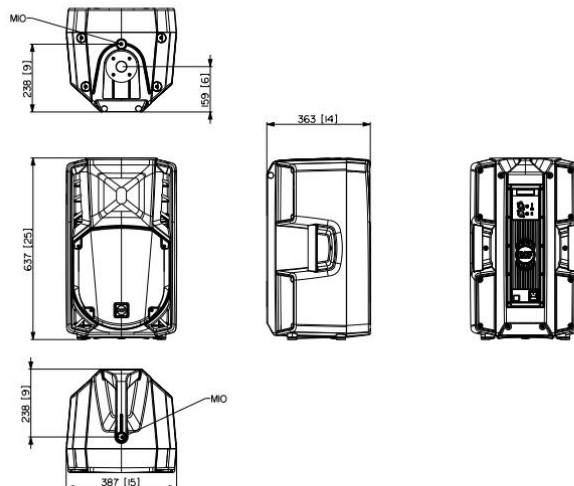
EAN 8024530018672



ART 712-A MK5

ACTIVE TWO-WAY SPEAKER

Line Art 2D

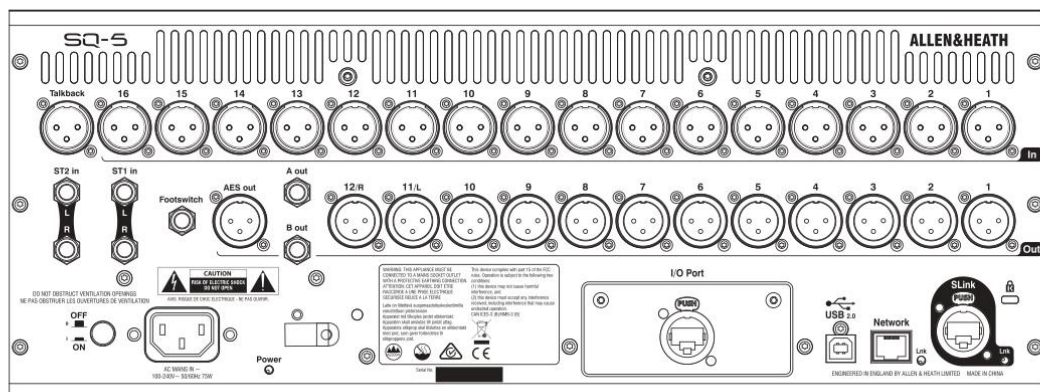


Acoustical specifications	Frequency Response	50 Hz ÷ 20000 Hz
	Max SPL @ 1m	129 dB
	Horizontal coverage angle	90°
	Vertical coverage angle	60°
Transducers	Compression Driver	1 x 1.0", 1.75" v.c
	Woofer	1 x 12", 2.5" v.c
Input/Output section	Input signal	bal/unbal
	Input connectors	XLR, Jack
	Output connectors	XLR
	Input sensitivity	-2 dBu/+4 dBu
Processor section	Mic. Input Sensitivity	-32 dBu
	Crossover Frequencies	1600
	Protections	Thermal, RMS
	Limiter	Soft Limiter
Power section	Controls	Volume, Boost, MIC/Line
	Total Power	1400 W Peak
	High frequencies	400 W Peak
	Low frequencies	1000 W Peak
Standard compliance	Cooling	Convection
	Connections	VDE
Physical specifications	Safety agency	CE compliant
	Cabinet/Case Material	PP Composite
	Hardware	2 x M10
	Handles	1 on top, 1 each side
	Pole mount/Cap	35 mm insert
	Grille	Steel
	Color	Black

Technical Datasheet

Overview

- Rack-mountable Digital Mixer for Live, Studio and Installation
- 48 Input Channels
- 16 Local Mic Inputs (XLR)
- 2 1/4" Stereo Inputs (TRS)
- 1 3.5mm Stereo Input
- 36 Total Busses
- 12 Stereo Mix (Aux or Group) + Main
- PAFL Bus
- 14 Assignable Local Outputs (12 XLR + 2 1/4" TRS)
- AES Digital Output
- Dedicated Talkback mic input (XLR)
- 1/4" TRS Headphone out with dedicated control
- SLink EtherCON connection for remote audio using dSnake/ME, DX or GigaACE/GX protocol (128x128 channels)
- I/O Port for Option Card (including 3rd party protocols – Dante/Waves)
- 8 Mute Groups
- 8 DCA Groups
- 8 Stereo FX with dedicated FX Returns
- DEEP Processing Ready
- RackFX Effects suite
- 7" colour touchscreen
- 8 Assignable SoftKeys
- Dedicated physical controls for channel processing (Gain, HPF Frequency, Gate Threshold, Compressor Threshold, Pan, EQ Gain/Frequency/Width)
- 16+1 Faders with 6 Layers for 96 assignable Channel Strips
- Motorised faders for sends on faders, GEQ fader flip and mix recall
- 16 Backlit LCD Channel Strip displays
- Chromatic Channel Metering
- Integrated Surface Illumination
- Single/Dual Footswitch Control
- Input channel pairs switchable mono/stereo
- Patchable Insert points
- Input processing – Trim, HPF, Gate, PEQ, Compressor, Delay
- Output processing – Graphic EQ, PEQ, Compressor, Delay
- DEEP Automatic Mic Mixing
- 2 31/61 Band Real Time Analysers
- Quick copy/paste/reset for parameters
- User Permissions to restrict operator access
- 300 Scene memories per show
- Channel Safes, Global and per Scene Recall Filters
- FX, processing and channel Libraries
- SQ-Drive for stereo and multitrack recording/playback direct to USB drive
- USB transfer of Scenes, Libraries, Shows
- 32x32 channel USB streaming to/from Mac/PC
- MIDI via USB or TCP/IP, including DAW control options
- Remote mixing apps for iPad, Android, Mac and PC
- Compatible with ME personal monitoring range



Mixer Specifications

Inputs	Mic/Line Inputs	Balanced XLR, fully recallable
	Input Sensitivity	-60 to +0dBu
	Switchable Pad	-20dB
	Analogue Gain	0dB to +60dB, 1dB steps
	Maximum Input Level	+30dBu
	Input Impedance	>5kΩ
	THD+N, Unity gain 0dB	0.002% -92dBu (20Hz-20kHz, AES Direct Out, @0dBu 1kHz)
	THD+N, Mid gain +30dB	0.003% -91dBu (20Hz-20kHz, AES Direct Out, @-30dBu INPUT 1kHz)
	Phantom Power	+48V (+3V / -2V)
	Stereo Line Inputs	
	ST1, ST2 connectors	Balanced, 1/4" TRS jack
	ST3 connector	Unbalanced, stereo 3.5mm Mini Jack
	Input Sensitivity (ST1, ST2 / ST3)	Nominal +4dBu ST1, ST2 / 0dBu ST3
	Trim	+/-24dB
	Maximum Input Level (ST1,ST2 / ST3)	+22dBu / +18dBu
	Input Impedance	>7kΩ
Outputs	XLR Outputs	Balanced, XLR
	Outputs A and B	Balanced 1/4" TRS Jack
	Source	Patchable
	Output Impedance	<75Ω
	Nominal Output	+4dBu = 0dB meter reading
	Maximum Output Level	+22dBu
	Residual Output Noise	-90dBu (muted, 20Hz-20kHz)
	AES Digital Output	Balanced XLR 2 channel, 96kHz sampling rate (Default with SRC Bypassed) Switchable output sample rates, 44.1kHz/ 48kHz/ 88.2kHz/ (96kHz) 2.5Vpp balanced terminated 110Ω
SLink	Connection	Neutrik EtherCON (RJ45)
	dsnae mode (48kHz devices)	40 input 20+40(ME) output channels
	dx mode (96kHz devices)	32 input 32 output channels
	gigaACE/GX (96kHz devices)	128 input 128 output channels
	Inputs	Fully Patchable
	Outputs	Fully Patchable
	Sync/SRC	Assignable as master audio sync for all modes, SRC 64 channel
I/O Port	Inputs	Multi-channel I/O option module
	Outputs	Fully Patchable
	Sync/SRC	Assignable as master audio sync
System	Dynamic Range	Measured balanced XLR in to XLR out, 0dB gain, 0dBu input 112 dB
	Frequency Response	+0/-0.5dB 20Hz to 20kHz
	Headroom	+18dB
	Internal operating Level	0dBu
	THD+N, Mic/Line routed to Main L/R Out	Unity gain faders@0dB, 0.006%, -84dBu (20 - 20kHz)
	dBFS Alignment	+18dBu = 0dBFS (+22dBu at XLR output)
	Meter Calibration	0dB meter = -18dBFS (+4dBu at XLR out)
	Main Meter Type	2 x 12 segment, fast (peak) response
	Channel Meter Type	Chromatic Channel Metering, fully programmable colour/brightness
	Peak Indication	-3dBFS (+19dBu at XLR out), multi-point sensing
	Sampling Rate	96kHz
	Bit Depth	Uses XCVI core custom bit widths in algorithms, up to 96bits
	Latency	<0.7mS, Local Mic Input to Main L/R
	Operating Temperature Range	0 deg C to 40 deg C (32 deg F to 104 deg F)
	Mains Power	100-240V AC, 50/60Hz
	Max Power Consumption SQ-5/SQ-6/SQ-7	75W / 90W / 110W
Dimensions & Weights	SQ-5	Width x Depth x Height 440 x 514.9 x 198 mm (17.3" x 20.3" x 7.8") Packed in shipping box 610 x 680 x 360 mm (24" x 26.8" x 14.2") Unpacked weight 10.5 kg (23.1 lbs) Packed weight 14 kg (30.9 lbs)
	SQ-6	Width x Depth x Height 638 x 514.9 x 198 mm (25.1" x 20.3" x 7.8") Packed in shipping box 820 x 680 x 360 mm (32.3" x 26.8" x 14.2") Unpacked weight 14.5 kg (32 lbs) Packed weight 17.3 kg (38.1 lbs)
	SQ-7	Width x Depth x Height 804 x 514.9 x 198 mm (31.7" x 20.3" x 7.8") Packed in shipping box 960 x 685 x 360 mm (37.8" x 27" x 14.2") Unpacked weight 17.8 kg (39.3 lbs) Packed weight 21.9 kg (48.3 lbs)

Control	Faders Touch Screen SoftKeys SoftRotarys Mute Groups / DCA Groups Network MIDI Footswitch	100mm motorised 7" Capacitive, 800 x 480 resolution, 24 bit RGB 8 (SQ-5), 16 (SQ-6, SQ-7) 4 (SQ-6), 8 (SQ-7) 8 / 8 TCP/IP Ethernet for MIDI and Control TCP/IP and USB-B Single or Dual, Momentary or Latching
Input Processing	Source CH1-48 USB Global Source Polarity Trim High Pass Filter Insert (Pre EQ/Comp) Delay Gate Sidechain filter Threshold / Depth Attack / Hold / Release PEQ Band 1, Band 4 Band 2, Band 3 Bell Width Compressor Sidechain filter Threshold / Ratio Attack / Release Knee Detector response Parallel Path Compression Channel Direct Out Source select	Fully patchable SQ-Drive or USB B Streaming Normal/Invert -24 to +24dB 12/18/24dB per octave 20Hz – 2kHz Fully Patchable Up to 341ms Patchable Sidechain Hi-pass (20-5k), band-pass (120-10k), Lo-pass (120-20k) -72dBu to +18dBu / 0 to 60dB 50µs to 300ms / 10ms to 5s / 10ms to 1s 4-Band fully parametric, 20-20kHz, +/-15dB Selectable Shelving (Baxandall), Bell, HPF/LPF 12dB/octave Bell Variable Q, 1.5 to 1/9th octave Patchable Sidechain, DEEP options Hi-pass (20-5k), band-pass (120-10k), Lo-pass (120-20k), Q=1 -46dBu to 18dBu / 1:1 to infinity 30µs to 300ms / 50ms to 2s Soft/Hard Peak/RMS switchable dry/wet -infin to 0dB Follow Fader, Mute, Mute Group, DCA (global all ch) Post-Preamp, Post-HPF, Post-Gate, Insert Return, Post-PEQ, Post-Comp, Post-Delay trim -infin to 10dB per channel
Mix Processing	Insert (Pre EQ/Comp) Delay GEQ PEQ Compressor	Fully Patchable Up to 682ms 28 bands 31Hz-16kHz, +/-12dB Gain, Constant 1/3 oct, DEEP options As Input PEQ As Input Compressor
FX	Internal FX Types 8 dedicated Stereo FX returns	8 x RackFX engine, Send>Return or Inserted (4 dedicated fx bus) SMR Reverb, Stereo Tap Delay, Gated Reverb, ADT, Blue Chorus Symphonic Chorus, Flanger, Phaser Fader, Pan, Mute, Routing to Mix/LR, 4-Band PEQ
Audio Tools	PAFL Talkback Signal Generator RTA's	PFL or stereo in-place AFL, 0 to -24dB Trim, PAFL Delay Up to 682ms Dedicated input, Assignable to any mix, Gain, Pad, 48V, 12dB/oct HPF Assignable to any input or mix, Sine/White/Pink/Bandpass Noise 2x 31-Band 1/3 octave (Stereo) or 61-Band 1/6 octave (Mono) 20-20kHz. PAFL/Selected Channel or Fixed Source
USB Audio	SQ-Drive Stereo Record Stereo Playback Multitrack Record Multitrack Playback USB Audio Streaming Send (upstream) Return (downstream)	USB-A 2 channel, WAV, 96kHz, 24-bit, source fully patchable 1/2 channel, WAV, 44.1, 48, 96kHz 16,24-bit, source fully patchable 1-16 channel 96kHz, 1-32 channel 48kHz, 24-bit, WAV, fully patchable 1-16 channel 96kHz, 1-32 channel 48kHz, 24-bit, WAV, fully patchable USB-B, Core Audio compliant, ASIO/WDM for Windows 32 channel, 48/96kHz, 24-bit 32 channel, 48/96kHz, 24-bit
AMMs	Configuration Type Sidechain Filter HPF / LPF Priority	2x 24ch or 1x 48ch, freely assignable Gain Sharing 12dB/octave 20Hz – 5kHz / 120Hz - 20kHz -15dB to +15dB per channel
Add-ons	DEEP Preamps DEEP Compressors DEEP GEQ's RackFX units	Tube Stage Opto, 16T, 16VU, PeakLimiter76, Mighty Proportional-Q, DiGi-GEQ, Hybrid De-Esser, DynEQ4, MultiBD3, MultiBD4, Bucket Brigade, Echo, Hypabass

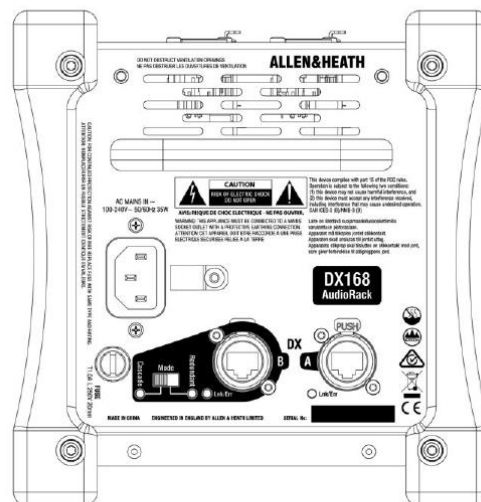
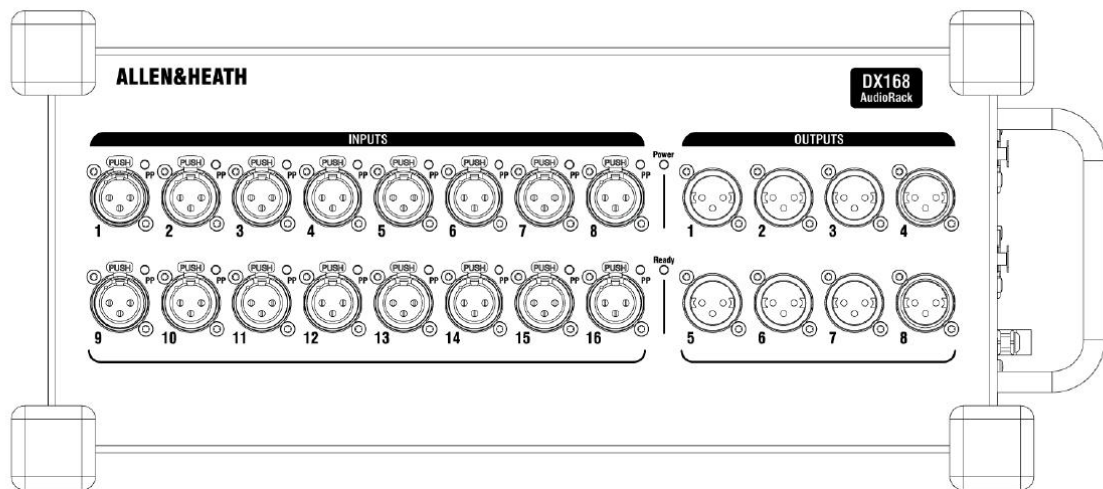
ALLEN & HEATH

Allen & Heath Limited
Kernick Industrial Estate
Penryn, Cornwall,
TR10 9LU, UK
www.allen-heath.com

Technical Datasheet

Overview

- Compatible with dLive, Avantis, SQ and AHM-64
- 16 Mic Preamps on XLR
- Phantom Power LED per Input
- 8 XLR Line Outs
- DX A connection with locking Ethercon port
- DX B locking Ethercon port for daisy chaining or redundancy
- Rubber bumpers
- Carry handle
- Optional rack mount kit available



System Specifications

Inputs

XLR Mic/Line Inputs	Balanced, +48V Phantom Power
Mic/Line Preamp	Fully recallable
Input Sensitivity	-60 to +15dBu
Analogue Gain	+5 to +60dB, 1dB steps
Pad	-20dB Active PAD
Maximum Input Level	+30dBu (PAD in)
Input Impedance	>4kΩ (Pad out), >10kΩ (Pad in)
Mic/Line Channel noise	22-22kHz, Direct Out @ unbalanced out
Mic EIN	-127dB with 150Ω source
Unity gain (Pad in)	-90dBu
Low gain (5dB, Pad out)	-96dBu
Mid gain (30dB, Pad out)	-90dBu
Mic/Line Channel THD+N	22-22kHz, Direct Out @ unbalanced out
Unity gain (Pad in)	0.003% -88dBu @ 1kHz, 0dBu output
Low gain (5dB, Pad out)	0.002% -93dBu @ 1kHz, 0dBu output
Mid gain (30dB, Pad out)	0.003% -88dBu @ 1kHz, 0dBu output
Sample Rate	96kHz

Outputs

XLR Outputs	Balanced, Relay protected
Output Impedance	<75Ω
Nominal Output	+4dBu = 0dB meter reading
Maximum Output Level	+22dBu
Residual Output Noise	-92dBu (muted, 20-20kHz)
Operating Temperature	0 deg C to 35 deg C (32 deg F to 95 deg F)
Mains Power	100-240V, 50/60 Hz, 35W max
Dimensions and Weight	Width x Depth x Height x Weight 410mm x 190mm x 185mm x 4.6kg (16.1" x 7.5" x 7.3" x 10.1lbs)

SLX-D DIGITAL WIRELESS SYSTEMS

SYSTEM SPECIFICATIONS (SUBJECT TO CHANGE)

RF	
RF Carrier Frequency Range	470–937.5 MHz <i>Varies by Region. See Frequency Range and Output Power Table.</i>
Working Range	100 m (328 ft) <i>Note: Actual range depends on RF signal absorption, reflection and interference.</i>
RF Tuning Step Size	JB Band: 125 kHz All Other Bands: 25 kHz <i>Varies by region.</i>
Image Rejection	>70 dB <i>typical</i>
RF Sensitivity	–97 dBm at 10 ³ BER
AUDIO	
Latency	3.2 ms
High-Pass/Low Cut Filter	150 Hz, –12 dB/octave <i>Note: factory default (is for the HPF to be off)</i>
Audio Frequency Response	20 Hz–20 kHz (+1, –2 dB)
Audio Dynamic Range	118 dB
<i>A-weighted, 20 Hz–20 kHz, typical</i>	@1% THD
Total Harmonic Distortion	<0.02%
System Audio Polarity	XLR: Positive pressure on microphone diaphragm produces positive voltage on pin 2 with respect to pin 3 of XLR output. TRS: Positive pressure on microphone diaphragm produces positive voltage on the tip of the 6.35 mm (1/4-inch) with respect to the ring of the 6.35 mm output.
Mic Offset Range	0 to 21 dB (in 3 dB steps)
TEMPERATURE RANGE <i>Note: Battery characteristics may limit this range.</i>	
Operating Temperature Range	0 °F to 122 °F (–18 °C to 50 °C)
Storage Temperature Range	–20 °F to 165 °F (–29 °C to 74 °C)

NOTE: This Radio equipment is intended for use in musical professional entertainment and similar applications. This Radio apparatus may be capable of operating on some frequencies not authorized in your region. Please contact your national authority to obtain information on authorized frequencies and RF power levels for wireless microphone products.

FREQUENCY RANGE

Band	Range (MHz)	Transmitter Output (mW)
G58	470 to 514	1/10/30*
G59	470 to 514	1/10/30*
G60	470 to 510	1/10/30*
G61	479 to 523	1/10
G62	510 to 580	1/10/30*
H55	514 to 558	1/10/30*
H56	518 to 562	1/10/30*
H57	520 to 564	1/10
J52	558 to 602, 614 to 616	1/10/30* (558–602) 1/10 (614–616)
J53	562 to 606	1/10/30*
J54	562 to 606	1/10/30*
JB	806 to 810	1/10
K59	606 to 650	1/10/30*
L55	646 to 690	1/10
L56	650 to 694	1/10/30*
L57	650 to 694	1/10
L58	630 to 674	1/10/30*
L59	654 to 698	1/10/30*
M55	694 to 703, 748 to 758	1/10/30*
S50	823 to 832	1/10
X51	925 to 937.5	1/10

*30 mW only found on SLXD3 in select bands

Note: Not all frequencies available in all regions.
Contact your authorized Shure dealer for availability.

AVAILABLE CONFIGURATIONS

SLXD14	Wireless System with SLXD1 Bodypack Transmitter and WA305 Instrument Cable	SLXD124/85	Handheld and Lavalier Combo Wireless System
SLXD14/DL4	Wireless System with SLXD1 Bodypack Transmitter and DL4B Lavalier Microphone	SLXD35	Portable Wireless System with SLXD3 Plug-On Transmitter
SLXD14/83	Wireless System with SLXD1 Bodypack Transmitter and WL183 Lavalier Microphone	SLXD24/SM58	Wireless System with SM58® Handheld Transmitter
SLXD14/85	Wireless System with SLXD1 Bodypack Transmitter and WL185 Lavalier Microphone	SLXD24/SM86	Wireless System with SM86 Handheld Transmitter
SLXD14/93	Wireless System with SLXD1 Bodypack Transmitter and WL93 Miniature Lavalier Microphone	SLXD24/B58	Wireless System with Beta® 58A Handheld Transmitter
SLXD14/153B	Wireless System with SLXD1 Bodypack Transmitter and MX153 (Black) Omni. Condenser Earset	SLXD24/B87A	Wireless System with Beta® 87A Handheld Transmitter
SLXD14/153T	Wireless System with SLXD1 Bodypack Transmitter and MX153 (Tan) Omni. Condenser Earset	SLXD24/B87C	Wireless System with Beta® 87C Handheld Transmitter
SLXD14/98H	Wireless System with SLXD1 Bodypack Transmitter and Beta® 98H/C Miniature Instrument Microphone	SLXD24/K88	Wireless System with KSM8 Dualdyne™ Handheld Transmitter
SLXD14/SM35	Wireless System with SLXD1 Bodypack Transmitter and SM35 Headset Microphone	SLXD24D/SM58	Dual Wireless System with 2 SLXD2/SM58 Handheld Transmitters
SLXD15	Portable Wireless System with SLXD1 Bodypack Transmitter (No Lavalier)	SLXD24D/B58	Dual Wireless System with 2 SLXD2/B58 Handheld Transmitters
SLXD15/85	Portable Wireless System with SLXD1 Bodypack Transmitter and WL185 Lavalier Microphone	SLXD14D	Dual Wireless System with two SLXD1 Bodypack Transmitters
SLXD15/DL4	Portable Wireless System with SLXD1 Bodypack Transmitter and DL4B Lavalier Microphone	SLXD25/SM58	Portable Wireless System with SM58 Handheld Transmitter
SLXD15/UL4	Portable Wireless System with SLXD1 Bodypack Transmitter and UL4B Lavalier Microphone	SLX25/VP68	Portable Wireless System with VP68 Handheld Transmitter

Not all systems are available in all regions. Contact your Authorized Shure Dealer for availability in your region.

OPTIONAL ACCESSORIES (SEE SHURE.COM FOR MORE)

SB903	Shure Lithium Ion Rechargeable Battery	UA844+SWB	Antenna/Power Distribution System 470-960 MHz	UA221	UHF Passive Antenna Splitter
SBC203	Dual Docking Charger	UABIAST	Inline Power Supply	UA600	Front Mount Antenna Kit
SBC10-903	Single Battery Charger	UA834	Inline Antenna Amplifier	UA505	Remote Antenna Bracket with BNC Bulkhead Adapter
SBC80-903	Eight-Bay Battery Charger	UA874	Active Directional Antennas	HA-8089	Helical Antenna
SBC-DC-903	DC Battery Eliminator for SLXD5	PA805SWB	Directional Wideband Antenna, 470-952 MHz	WA301	Water-Resistant Silicone Protective Sleeve for SLXD5
UA8	Half-Wave Omnidirectional Receiver Antennas	PA805X	Directional Wideband Antenna, 650-1100 MHz	WA311	Non-Conductive Cold Shoe Mount Adapter for SLXD5
UA84SUWB	Ultra Wideband Antenna/Power Distribution System, 174-1804 MHz	UA860	Passive Omnidirectional Antenna, 470-1100 MHz		



SLXD4 DIGITAL WIRELESS RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Dimensions (H × W × D)	1.65 × 7.76 × 5.98 in (42 × 197 × 152 mm)
Weight	1.8 lb (816 g) without antennas
Housing	Galvanized Steel
Power Requirements	15 VDC @ 600 mA Supplied by external power supply (tip positive)

RF INPUT

Spurious Rejection	>75 dB Typical
Connector Type	BNC
Impedance	50 Ω

AUDIO OUTPUT

Gain Adjustment Range	-18 to +42 dB in 1 dB steps
Configuration	1/4" (6.35 mm): Balanced (Tip=audio +, Ring=audio -, Sleeve=ground) XLR: Balanced (1=ground, 2=audio +, 3=audio -)
Impedance	1/4" (6.35 mm): 1.3 kΩ (670 Ω Unbalanced) XLR (line): 400 Ω (200 Ω Unbalanced) XLR (mic): 150 Ω
Full Scale Output	1/4" (6.35 mm): +15 dBV differentially (+9 dBV single) XLR (LINE setting): +15 dBV XLR (MIC setting): -15 dBV
Mic/Line Switch	30 dB pad
Phantom Power Protection	1/4" (6.35 mm): Yes XLR: Yes

NETWORKING

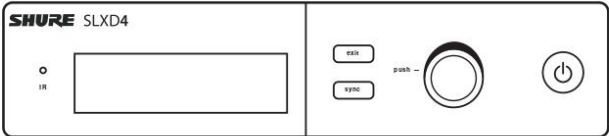
Network Interface	Single Port Ethernet 10/100 Mbps
Network Addressing Capability	DHCP or Manual IP address
Maximum Cable Length	100 m (328 ft)

OVERVIEW

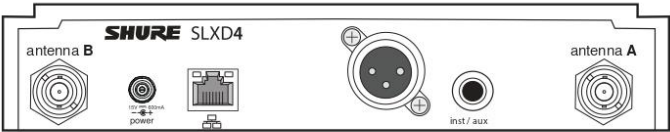
SLX-D Digital Wireless delivers transparent, 24-bit digital audio and rock solid RF performance with easy setup and rechargeability options in a suite of versatile wireless system configurations. Featuring industry-leading digital wireless technology and design, the SLXD4 easily syncs wireless transmitters. A variety of interchangeable vocal microphone choices guarantees the right solution for a wide range of applications, from day-long conference to nighttime performances.

FEATURES

- Transparent 24-bit digital audio
- Extended 20 Hz to 20 kHz frequency range (microphone dependent)
- 118 dB dynamic range
- Digital predictive switching diversity
- 44 MHz tuning bandwidth (region dependent)
- 32 available channels per frequency band (region dependent)
- Up to 10 compatible systems per 6MHz TV band; 12 systems per 8 MHz band
- Easy pairing of transmitters and receivers over scan and IR sync
- Compatible with Shure Wireless Workbench® control software
- Remote monitoring and control via ShurePlus™ Channels app
- Rugged metal construction



SLXD4
Front Panel



SLXD4
Back Panel



Change History

Document Version	Release Date	Description
V1.0.0	2022-08-30	First release

Introduction

The VX400 is NovaStar's new all-in-one controller that integrates video processing and video control into one box. It features 4 Ethernet ports and supports video controller, fiber converter and Bypass working modes. A VX400 unit can drive up to 2.6 million pixels, with the maximum output width and height up to 10,240 pixels and 8192 pixels respectively, which is ideal for ultra-wide and ultra-high LED screens.

The VX400 is capable of receiving a variety of video signals and processing high-resolution images. In addition, the device features stepless output scaling, low latency, pixel-level brightness and chroma calibration and more, to present you with an excellent image display experience.

What's more, the VX400 can work with NovaStar's supreme software NovaLCT and V-Can to greatly facilitate your in-field operations and control, such as screen configuration, Ethernet port backup settings, layer management, preset management and firmware update.

Thanks to its powerful video processing and sending capabilities and other outstanding features, the VX400 can be widely used in applications such as medium and high-end rental, stage control systems and fine-pitch LED screens.

Certifications

None

If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please contact NovaStar to confirm or address the problem. Otherwise, the customer shall be responsible for the legal risks caused or NovaStar has the right to claim compensation.

Features

- Input connectors
 - 1x HDMI 1.3 (IN & LOOP)
 - 1x HDMI 1.3
 - 1x DVI (IN & LOOP)
 - 1x 3G-SDI (IN & LOOP)
 - 1x optical fiber port (OPT1)
- Output connectors
 - 4x Gigabit Ethernet ports

A single device unit drives up to 2.6 million pixels, with a maximum width of 10,240 pixels and a maximum height of 8192 pixels.
 - 2x Fiber outputs

OPT 1 copies the output on 4 Ethernet ports.

OPT 2 copies or backs up the output on 4 Ethernet ports.
 - 1x HDMI 1.3

For monitoring or video output
- Self-adaptive OPT 1 for either video input or sending card output

Thanks to the self-adaptive design, OPT 1 can be used as either an input or output connector, depending on its connected device.
- Audio input and output
 - Audio input accompanied with HDMI input source
 - Audio output via a multifunction card
 - Output volume adjustment supported
- Low latency

Reduce the delay from the input to receiving card to 20 lines when the low latency function and Bypass mode are both enabled.
- 2x layers
 - Adjustable layer size and position
 - Adjustable layer priority
- Output synchronization

An internal input source can be used as the sync source to ensure the output images of all cascaded units in sync.

Specifications

Electrical Parameters	Power connector	100–240V~, 1.6A, 50/60Hz
	Rated power consumption	28 W
Operating Environment	Temperature	0°C to 45°C
	Humidity	20% RH to 90% RH, non-condensing
Storage Environment	Temperature	–20°C to +70°C
	Humidity	10% RH to 95% RH, non-condensing
Physical Specifications	Dimensions	483.6 mm × 301.2 mm × 50.1 mm
	Net weight	4 kg
Packing Information	Accessories	1x Power cord 1x HDMI to DVI cable 1x USB cable 1x Ethernet cable 1x HDMI cable 1x Quick Start Guide 1x Certificate of Approval 1x Safety Manual
	Packing size	550.0 mm × 175.0 mm × 400.0 mm
	Gross weight	6.8 kg
Noise Level (typical at 25°C/77°F)		45 dB (A)

Video Source Features

Input Connectors	Bit Depth		Max. Input Resolution
- HDMI 1.3 - DVI - OPT 1	8-bit	RGB 4:4:4	1920×1200@60Hz (Standard)
		YCbCr 4:4:4	3840×648@60Hz (Custom)
		YCbCr 4:2:2	600×3840@60Hz (Forced)
		YCbCr 4:2:0	Not supported
	10-bit		Not supported
	12-bit		Not supported
3G-SDI	- Max. input resolution: 1920×1080@60Hz - DOES NOT support input resolution and bit depth settings. - Supports ST-424 (3G), ST-292 (HD) and ST-259 (SD) standard video inputs.		

Moving Head Light user Manual



Please read over this manual before operation the light!



technical parameter

Power supply: AC100V-240V50-60Hz

Light source power: LED module

Lens peripheral auxiliary light: 31 RGB three in one LEDs

Color tray: A color tray, each consisting of 10+1color chips;

Pattern disc: 18+1patterns

Prism:24 Prism

Independent atomization disc+colorful disc

DMX: channels: 17DMXchannels

Lens group optical system, electric focusing, beam angle 1.6 °;

Horizontal 540 °, resolution 8Bit/16Bit;

Vertical 270 °, resolution 8Bit/16Bit;

Overheat protection;

Control mode: DMX512/master-slave/automatic;

Display screen: can be displayed in both vertical and inverted positions, with both Chinese and English characters

With RDM function

Protection level: IP20

LED STAGE LIGHTING OPERATING MANUAL



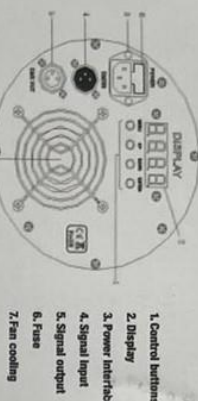
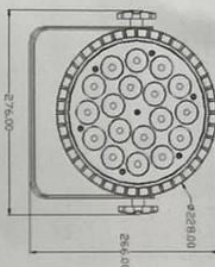
CAUTION! Keep this device away from rain and moisture!

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY

BEFORE YOU INITIAL START - UP!



- ✓ Par lighting x 1
- ✓ Power cable x 1
- ✓ Manual x 1
- ✓ U-bracket x 2
- ✓ 8mm 4-corner screws x 2
- ✓ 10MM plastic gasket x 2



1. Control buttons
2. Display
3. Power interface
4. Signal input
5. Signal output
6. Fuse
7. Fan cooling

Safety Instructions and Operating Instructions

The light can receive DMX512 signal, connect the DMX connector to the panel marked "DMX IN" light, then connect from "DMX OUT" to the "DMX IN" of the next light, and in turn connect to the "DMX IN" of the final light.

- (1) It must be inserted into a grounded power socket;
- (2) To avoid the risk of fire or electric shock, do not expose the device to rain or moisture. During operation, make sure that there are no flammable objects attached to the device.
- (3) Install the equipment in a well-ventilated place, at least 50cm away from any surface to ensure ventilation. The slot is not clogged.
- (4) Before any operation or maintenance, please disconnect the equipment from the power supply.
- (5) The ambient temperature should not exceed 40°C, the maximum ambient temperature is 45°C, do not operate at higher temperatures as equipment.
- (6) In case of failure, stop using the equipment immediately, do not repair the equipment by yourself, improper maintenance may cause damage and malfunction, please contact technical support to agree. Use only the same accessories as the original for repairs or replacements, making sure the power cord is not damaged or damaged.
- (7) Do not expose your eyes to light sources. For sensitive people, strong light may cause epilepsy, signs of dizziness.
- (8) The fixtures are only used for decoration and are not suitable for ordinary household lighting.
- (9) Replacing the fuse: unplug the device from the power supply, use a screwdriver to remove the fuse holder from the original position to remove. Take out the blown fuse, replace it with a fuse with the same characteristics, and set the connected to the power supply.
- (10) Warning: If the fuse is still blowing after replacing the fuse, please stop using it, about progress stop by step instructions, please contact customer service support, continued use may cause serious damage.

- (11) Fix the device with the screw holes on the bracket to ensure that the device is firmly fixed and prevent the operation process vibration and movement during the
- (12) The equipment must be fixed by professionals in places that people cannot reach, and no one can pass under or over the crosswalk.

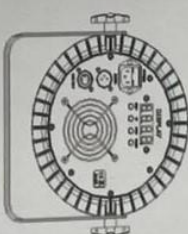
(13) Disposal of the product: this sign indicates that this product should not be thrown into household waste in European Community countries. To protect the environment and human health, support the sustainable reuse of resources by recycling waste responsibly. If you need to recycle used appliances, please go to the Appliance Hand Collection Center or contact the dealer where you purchased the product, they will ensure the ecological recycling of the product.

CAUTION
DO NOT OPEN THE HOUSING
SHOCK HAZARD



Please read this manual carefully before operating this product.

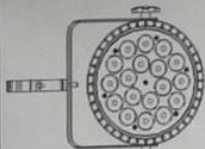
Step-by-step instructions for installing the bracket



1. Instructions to install the U-bracket, fix with screws after installation



2. Indicates that the hook bracket mounted with U-bracket



3. Instructions to confirm your stand is the location installed correctly?



4. Instructions to confirm your stand is the location installed correctly

Note: The hook bracket is not included in the package

Deutsche Fassung

Thank you for using our LEDPAR light

NOTE: This manual contains important information installation and operation according to the requirements of the manual. At the same time, please keep this manual in a safe place for emergencies.

MENU FUNCTION:

Display	Function	Value	Function
R001	DMX Address	001-512	DMX RCM mode address
d001	DMX Address	001-512	DMX KCM mode address
r255	Red	0-255	R dimmer from dark to bright 0-255
g255	Green	0-255	G dimmer from dark to bright 0-255
b255	Blue	0-255	B dimmer from dark to bright 0-255
u255	White	0-255	W dimmer from dark to bright 0-255
Fs99	Strobe	01-99	Strobe range 0-100%
c101	Macro Color	01-08	Build in macro color
c299	Auto mode 1	01-99	Colors Jump Change mode
d299	Auto mode 2	01-99	Colors Gradient Change mode
c999	Auto mode 3	01-99	Colors Pulse Change mode
S101	Sound mode	01-99	Colors sound-active mode

Startup steps for various modes

1. Auto mode

Mode 1.
Press the "MODE" key to find "r255", press the "UP" or "DOWN" key to select the speed, and then press the "ENTER" key to enter the full-bright strobe mode.

Mode 2.
Press the "MODE" key to find "c10", press the "UP" or "DOWN" key to select the speed, and then press the "ENTER" key to enter the full-bright strobe mode.

Mode 3.
Press the "MODE" key to find "c299", press the "UP" or "DOWN" key to select the speed, and then press the "ENTER" key to enter the full-bright strobe mode.

Mode 4.
Press the "MODE" key to find "d299", press the "UP" or "DOWN" key to select the speed, and then press the "ENTER" key to enter the full-bright strobe mode.

Mode 5.
Press the "MODE" key to find "c999", press the "UP" or "DOWN" key to select the speed, and then press the "ENTER" key to enter the full-bright strobe mode.

2. Sound mode
Press the "MODE" key to find "S101", press the "UP" or "DOWN" key to select the desired effect, and then press the "ENTER" key to enter the voice control mode.

3. Master - Slave Mode

Step 1. Connect the DMX OUT signal line of the host (No. 1 light) to the DMX IN of No. 2 light, and connect the DMX OUT of No. 2 light to the DMX IN of No. 3 light, and connect the No. 4 and No. 5 lights with this wheel push.

Step 2. Set the host to "self-propelled mode" or "voice control mode", the operation steps are the same as step 1.

Step 3. Set the slave to "R001" or "d001", operation steps: press "MODE" key to find "R001" or "d001" and then press "ENTER" key

4. DMX 512 Control mode

Press the "MODE" key to find "R001" or "d001", then press the "UP" or "DOWN" key to find the corresponding DMX address code, and press the "ENTER" key (Note: DMX address code of DMX192, DMX240 and other consoles) The setting is generally in hexadecimal, that is, add 16 to the address value of the previous unit. For example: the address code of the No. 1 fixture is "R001". The address code of the No. 2 fixture is 1+16=17, that is, the address of the No. 3 fixture "R01" (The address code is "R03"). Signal connection: connect the DMX OUT on the controller to the DMX IN of the No. 1 fixture with a signal line, the DMX OUT of the No. 1 fixture is connected to the DMX IN of the No. 2 fixture, and the DMX OUT of the No. 2 fixture Connect to the DMX IN of the No. 3 light, and push this wheel to connect the No. 4, No. 5... lights.

Technical Parameters

1. Voltage: AC100-240V, 50/60HZ
2. Power: 3A
3. Light source: 18 4-in-1 LED fixture beads
4. Channel: 4/8 channel
5. Control mode: DMX512, Auto mode, Sound control, Master-Slave
6. Net weight: 2.5kg
7. Inner box size: 25*16*28CM

Package Instruction

When you receive the device, open the package and check that the contents are complete and intact. If not, please notify the carrier immediately and keep the packaging. If damage appears, retain the packaging and all packing materials for safe transport of the device.

Master-slave mode console connection steps

Master-Slave Mode

Master-slave connection method:

Connect the "DMX OUT" of the host (No. 1 light) to the "DMX IN" of No. 2 light with a signal line, connect the DMX OUT of No. 2 light to the DMX IN of No. 3 light, and connect 4 with this wheel push. No. 5, 6, 7... lights.

Set the host to "auto mode" or "sound control mode", the operation steps refer to the (1), (2)] in the start up steps.

The slave is set to "R00 1" or "d00 1", operation steps: press the "MODE" key to find "R00 1" or "d00 1" and then press "ENTER" key.

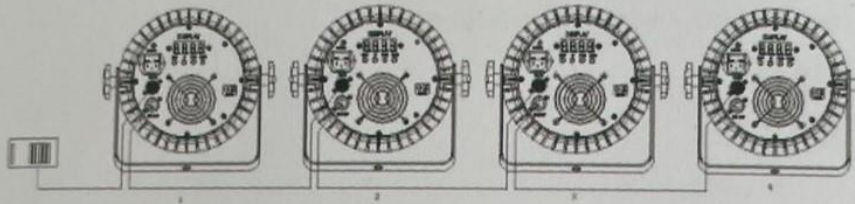
Console Mode

Console connection method:

Connect the "DMX OUT" on the controller to the "DMX IN" The DMX OUT on the No. 1 fixture is connected to the DMX IN of the No. 2 fixture, and this wheel pushes to connect the No. 4, No. 5, No. 6, No. 7... lights.

Press the "MODE" key to find "R00 1" or "d00 1", then press the "UP" or "DOWN" key to find the corresponding DMX address code, and press the "MENU" key (Note: DMX192, DMX240 and other consoles should be DMX The address code is generally set in hexadecimal, that is, add 16 to the address value of the previous unit. For example: the address code of the No. 1 fixture is "R00 1" and the address code of the No. 2 fixture is 1+16=17, that is, "A017" No. 3 The address code of the fixture is "A033").

Master-slave mode console connection diagram



DMX 512 Control Mode: 8 Channel Model(A001)

Channel	Display	Function	
CH1	Dimmer	0-255	R、G、B、W dimmer:from dark to bright
CH2	R dimmer	0-255	R dimmer:from dark to bright
CH3	G dimmer	0-255	G dimmer:from dark to bright
CH4	B dimmer	0-255	B dimmer:from dark to bright
CH5	W dimmer	0-255	W dimmer:from dark to bright
CH6	Strobe	0-255	R、G、B、W strobe: from slow to fast
CH7	Function choice	0-50	DMX 8CH Control.
		51-100	Different Colors Output
		101-150	Colors Jump Change.
		151-200	Colors Gradate.
		201-250	Colors Pulse Change.
		251-255	Sound-Active
CH8	Function speed	0-255	Speed function,feom slow to fast

DMX 512 Control Mode: 4 Channel Model(D001)

Channel	Display	Function	
CH1	R dimmer	0-255	R dimmer:from dark to bright
CH2	G dimmer	0-255	G dimmer:from dark to bright
CH3	B dimmer	0-255	B dimmer:from dark to bright
CH4	W dimmer	0-255	W dimmer:from dark to bright