LIVIAU Touchscreen Audio / Video / Lighting Controller DATASHEET



LIVIAU is a single-unit solution for control of lighting, audio distribution and video presentations in restaurants, bars, clubs, retail stores, and other installations requiring simple, elegant A/V control. LIVIAU S combines the functions of a comprehensive lighting controller, a fully equipped audio mixer/processor, an audio/ video file server and a stereo power amplifier in a compact touchscreen unit.

The user interface is a 10.1" multi-touch screen, which displays a series of simple, icon-based pages. Each page is designed to offer only the options required at any one time. The touchscreen display may be mirrored to other portable devices using the integrated Teamviewer® application, allowing the system to be controlled remotely. LIVIAU S connects to a flatscreen display or projector using HDMI. Video may be sourced from LIVIAU's internal memory, from a USB memory device, or from an external source such as a DVD/DVR player or a decoder. A comprehensive scheduling facility enables scheduled playback of video files, or scheduled activation of a light CUE and/or GP outputs, making LIVIAU ideal for use in environments such as retail outlets.

LIVIAU's audio performance is exemplary: the unit provides six balanced analogue inputs (two mic, four line), six balanced analogue outputs, a fully assignable audio mixing matrix and a high quality 50W/channel stereo power amplifier. The outputs permit routing to four different stereo zones. A 4-band parametric equaliser is included on every input / output, and each output also has a limiter and crossover facility, permitting the use of high quality bi-amped loudspeakers. Master control of volume is always available via a virtual fader on all screen pages. A configurable 'Push to Talk' button permits either microphone to be routed directly to any or all zones for relaying announcements. Spotify® playback can be accessed from the touchscreen.

LIVIAU features a fully integrated DMX controller for powerful and sophisticated lighting control. As well as architectural lighting, up to sixteen intelligent lighting devices may be controlled. Moving heads, strobes, RGB devices, lasers, dimmers and other DMX enabled devices are all controllable via the DMX512 control screens. In addition to the DMX controller, LIVIAU also incorporates a programmable lighting mixer offering 24 cues, 16 fixtures, a sequencer with fade time and an effects generator with pan and tilt. Six GPOs allow control of third-party equipment such as Digital Voice Announcement systems.

LIVIAU can be installed as a free-standing unit, integrated into furniture or wall-mounted. It is built in a stylish, custom aluminium enclosure, and includes an ambient light sensor to adjust screen brightness, plus a proximity sensor to wake the system. LIVIAU is a silent, fanless design and is powered by a separate external 24 V PSU (supplied).

KEY BENEFITS

- All-in-one unit
- Extremely simple in use
- Cost effective solution
- Discreet design



Control Display 0 to + 50°C Coding 3000 VAC Processor < 2000m COMMS Network 100 - 240 VAC USB 50 - 60 Hz Wi-Fi < 5A @ 230 VAC VIDEO Input 47k Output 21 dBu AUDIO I/O Micinputs-type 001% Max input level 70dB Line outputs - type 001% Max input level 100dB Power amplifer outputs 20Hz - 20kHz AUDIO PROCESSING Sample rate 300W Matrix 0.01% Gonsovers 100dB Power amplifer outputs 20Hz - 20kHz Cossovers 100dB Recorder 20Hz - 20kHz Cossovers 100dB Recorder 20Hz - 20kHz Consovers 100dB Recorder 20Hz - 20kHz Cossovers 100dB	GENERAL	
Cooling 3000 VAC Processor < 2000m		0 to +50°C
Processor < 2000m		
COMMS Network 100-240 VAC USB 50-60Hz Wi-Fi <5A @ 230 VAC		
Network100-240 VACUSB50-60HzWr-Fi<5A@ 230 VAC		
USB 50-60Hz Wi-Fi <5A@230 VAC		100 - 240 VAC
Wi-Fi< 5A @ 230 VACVIDEOInputInputOutput21dBuAUDO I/OMicinputs typeMicinputs type00%Maxinput level00BuMax output level100BAutput level100BPower amplifier outputs20H2 CascillationMarking Level00%Autput level000BAutput level000BAutput level000BMarking000BMarking000BMarking001%Consorers100BReorder004BConsorers100BReorder100BReorder100BReorder100B100B100B100B100B100B100B100B100B100B100B100B100B100B100B100B100B100B100B<		
VIDEO Input 47k Output 1dBu AUDO I/O Mic inputs - type 750% Mic inputs - type 001% Max input level 70dB Max output sevipe 6004 Max output sevipe 6004 Max output sevipe 00dB Power amplifier outputs 014z - 20kHz ADIO PROCESSING 01% Sample rate 300W Matrix 0.01% Equiptional Section 604 Crossovers 100dB Prover amplifier outputs 014z - 20kHz Sample rate 300W Matrix 0.01% Equiptional Section 70dB Crossovers 100dB Recorder 204z - 20kHz Crossovers 100dB Recorder 00dB Quert 20kHz 20kHz Crossovers 100dB Recorder 20k2 - 20kHz Quert 20kHz 20kHz Quert 20kHz		
Input4%Output218uAUDO/O5000Micinputs-type5000Maxinputs-type001%Maxinputsed008Outputsetype0040Maxouputevel0048Poweramplifieroutputs0048Autrix001%Marking0040Marking0040Autrix0040Samplerate3000Marking01%Marking01%Corsovers0040Recorder0040Porter0040Autrix01%Consovers0040Autrix01%Autrix0040Autrix0040Consovers0040Autrix01%Au		
AUDIO I/O State Mic inputs - type 750W Line inputs - type 0.01% Max input level 70dB Line outputs - type 50uV Max output level 00dB Max output level 100dB Power amplifier outputs 00dB Power amplifier outputs 01% AUDIO PROCESSING 20Hz - 20kHZ Sample rate 300W Matrix 0.01% EQ 70dB Liniters 50uV Crossovers 100dB Recorder 00dB Processel 20Hz - 20kHZ DTHER I/O 50uV Crossovers 100dB Recorder 00dB OTHER I/O 20Hz - 20kHZ Differ I/O 10dB Browners 100dB Recorder 00HZ - 20kHZ Differ I/O 20Hz - 20kHZ Differ I/O 10HZ - 20kHZ Differ I/O 512		47k
Mic inputs - type 750W Line inputs - type 0.01% Max input level 70dB Line outputs - type 50uV Max output level 100dB Power amplifier outputs 20Hz - 20kHz AUDIO PROCESSING 20Hz Sample rate 300W Matrix 0.01% EQ 70dB Liniters 50uV Crossovers 100dB Recorder 00dB OTHER I/O UHz - 20kHz Liniting control DMX 512 GPOs Six, volt-free, 24 V@ 100 mA	Output	21dBu
Mic inputs - type750WLine inputs - type0.01%Max input level70dBLine outputs - type50uVMax output level100dBPower amplifier outputs0.01k2Power amplifier outputs0.01k2AUDO PROCESSING300WMatrix0.01%Marix0.01%Autrix0.01%Consorers300WInitiers50uVRoceror0.02BCrossovers0.04BRoceror0.04BProtector104BDiffer Jong104BProtector104BCrossovers0.01k2Brodering104BCrossovers104BProtector104B	AUDIO I/O	
Max input level70dBLine outputs - type50uVMax output level100dBPower amplifier outputs20Hz - 20kHzAUDIO PROCESSINGSample rate300WMatrix001%EQ70dBLiniters50uVCrossovers100dBRecorder20Hz - 20kHzOURDURDURDURLiphing controlInghting controlDMX 512GPOsSix volt-free, 24 V@ 100 mA		750W
Line outputs - type 50uV Max output level 100dB Power amplifier outputs 20Hz - 20kHz AUDIO PROCESSING 300W Sample rate 300W Matrix 0.01% EQ 70dB Liniters 50uV Crossovers 100dB Recorder 00dB Proceeder 20Hz - 20kHz Differ Outputs 0.01% Grossovers 100dB Recorder 20Hz - 20kHz DTHER I/O 20Hz - 20kHz Liniters 50uV Strapped Factor 100dB Recorder 20Hz - 20kHz DTHER I/O 20Hz - 20kHz Lighting control DMX 512 Spos Six, volitfree, 24 V@ 100 mA	Line inputs - type	0.01%
Max.output level 100dB Power amplifier outputs 20Hz - 20kHz AUDIO PROCESSING 300W Matrix 0.01% Matrix 0.01% EQ 70dB Limiters 50uV Crossovers 100dB Recorder 00dB DTHER I/O DMX 512 Egos Six, volt-free, 24 V @ 100 mA		70dB
Power amplifier outputs20Hz - 20kHzAUDIO PROCESSINGSample rate300WMatrix0.01%EQ0.01%EQ70dBLimiters50uVCrossovers100dBRecorder20Hz - 20kHzOTHER I/OLighting controlDMX 512GPOsSix, volt-free, 24 V@ 100 mA	Line outputs - type	50uV
AUDIO PROCESSINGSample rate300WMatrix0.01%EQ70dBLimiters50uVCrossovers100dBRecorder20Hz - 20kHzOTHER I/OLighting controlDMX 512GPOsSix, volt-free, 24 V @ 100 mA	Max. output level	100dB
Sample rate300WMatrix0.01%EQ70dBLimiters50uVCrossovers100dBRecorder20Hz - 20kHzOTHER I/OLighting controlDMX 512GPOssix, volt-free, 24 V @ 100 mA	Power amplifier outputs	20Hz - 20kHz
Matrix 0.01% EQ 70dB Limiters 50uV Crossovers 100dB Recorder 20Hz - 20kHz OTHER I/O DMX 512 IgPOs Six, volt-free, 24 V @ 100 mA	AUDIO PROCESSING	
EQ 70dB Limiters 50uV Crossovers 100dB Recorder 20Hz - 20kHz OTHER I/O JUX 512 Ighting control Six, volt-free, 24 V @ 100 mA	Sample rate	300W
Limiters 50uV Crossovers 10odB Recorder 20Hz - 20kHz OTHER I/O Lighting control DMX 512 GPOs Six, volt-free, 24 V @ 100 mA	Matrix	0.01%
Crossovers 100dB Recorder 20Hz - 20kHz OTHER I/O Lighting control DMX 512 GPOs Six, volt-free, 24 V @ 100 mA	EQ	70dB
Recorder 20Hz - 20kHz OTHER I/O DMX 512 GPOs Six, volt-free, 24 V @ 100 mA	Limiters	50uV
OTHER I/O Lighting control DMX 512 GPOs Six, volt-free, 24 V @ 100 mA	Crossovers	100dB
Lighting control DMX 512 GPOs Six, volt-free, 24 V @ 100 mA	Recorder	20Hz - 20kHz
GPOs Six, volt-free, 24 V @ 100 mA	OTHER I/O	
	Lighting control	DMX 512
OTHER	GPOs	Six, volt-free, 24 V @ 100 mA
	OTHER	
Wake up By proximity sensor	Wake up	By proximity sensor
Power requirements 24 V dc @ 6 A max., via supplied AC PSU	Power requirements	24 V dc @ 6 A max., via supplied AC PSU
Dimensions (w x h x d) 273 mm x 177 mm x 60 mm (without stand)	Dimensions (w x h x d)	273 mm x 177 mm x 60 mm (without stand)

FEATURES

- Video, light CUE and GPO scheduling
- DMX 512 control for intelligent lighting and dimmer packs
- Lighting effects controller
- Balanced audio inputs for mic/line sources
- Multi-zone balanced outputs
- Integral 50 W/ch stereo amplifier
- Powerful audio DSP section
- Internal memory
- USB port

- Control support for flatscreen displays + projectors
- Wi-Fi enabled
- Network port
- Spotify[®] integration
- HDMI input and output
- GPO ports
- Silent in operation
- Very low power consumption (12W)

EXAMPLE SYSTEM DIAGRAM



CONNECTOR DIAGRAM





DIMENSIONS





59.8 mm [2.35 in]

