



GENERAL INFORMATION

Powered by the new Cobalt software, this full-featured control desk is designed for control of smaller rigs containing conventional and moving lights, media servers and LEDs with preset operation, track editing functions, theatrical-style crossfader playback and full network capabilities.

APPLICATIONS

- Theatres
- Television studios
- Touring
- Concerts
- Corporate events
- Special Events

FEATURES

- Up to 1024 Outputs/Parameters (Two Universes of DMX512)
- 256 or 512 Control Channels (512 is max.)
- Main Playback crossfader pair for theatrical-style sequence
- Four Encoders and ML/Softkey LCD display
- High-density channel display with formats for channel sorting
- Channel Layouts for topographical views of channels
- Live Attributes display for spreadsheet view of moving lights
- List Views and Editors for Presets, Groups, Palettes, Sequences
- Dynamic Effects
- Integrated Electronic Manual and Help system
- Mouseless Navigation for tabbed graphical displays
- Integral Alphanumeric keyboard for labeling
- MIDI In/Out
- Audio In*/Out
- Net3/ACN, ETCNet2, Avab IPX and ArtNet network protocols
- Show Import via ASCII (Avab Safari, Expert, Pronto, Presto, Strand 500 Series, ETC Express/Expression, and Emphasis)

ELECTRICAL

- AC Input (100-240V at 50/60Hz)
- 1.0A at 230V maximum power consumption

ACCESSORIES

- USB Mouse (included)
- Gooseneck Lamp (optional)
- Flightcase (optional)

*Audio In not supported.

*Monitors not included

ORDERING INFORMATION

Congo Kid control desks

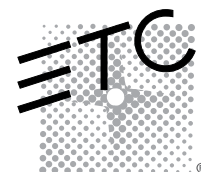
PART NO.	DESCRIPTION
4340A1110	Congo Kid Control Desk, 256 Channels 1024 Outputs (Max. channel count is 512)
4340A1016	Congo Kid Upgrade Kit, +256 Ch.
ETCnomad*	ETCnomad (From 256 to 6,144 Outputs)
ETCnomad Puck*	ETCnomad Puck MiniPC (from 256 to 6,144 Outputs)

* See separate datasheets for more details

Congo Kid Accessories

PART NO.	DESCRIPTION
4250A1022	Radio Focus Remote (RFR) 2.4GHz
4250A1217	Net3 Remote Video Interface (RVI)
RT202	LED Littlite 18", Angled XLR3 Gooseneck Lamp
M236	19" 4:3 Flat-screen display (1280x1024)
M8199-F	23" 10-point Multi-touch Screen (1920x1080)
M8200-F	27" 10-point Multi-touch Screen (1920x1080)
PSR1061	Congo Kid/Element Combo Flightcase

Free Cobalt Offline Editor software is available for download from www.etccconnect.com



SPECIFICATIONS

SYSTEM CAPACITY

- 1024 Outputs/parameters
- 256 or 512 Control Channels
- 9999 Presets
- 4x999 Palettes (Focus, Colour, Beam, All)
- 999 Groups
- 999 Macros
- 999 Sequences
- 999 Master Pages
- 999 Dynamic Effects Templates
- Two monitors supported on 2xDVI or 1 x and 1x Display Port. Multi-touch screens supported
- SSD Memory
- USB ports for USB Flash drives, pointing devices, keyboards and touch screens

DISPLAY FUNCTION

- Tabbed, mouseless navigation of graphical screens
- All show data may be viewed on a single monitor
- Tab layouts may be recorded to direct selects for quick recall
- Browser
 - File Management
 - Show Data lists
 - Patch displays and functions
 - Help
 - Images
 - Movies (requires external speakers for audio)
- Channel Displays
 - Live, Blind, Preset, Sequence and Group Editors
 - High-density views of channel data
 - Format allows user to choose a packed Flexichannel-style view of channels
 - Zoom allows user to define how many channels are viewed
 - Current direction of fade and preview of next intensity move
 - Colour-coded intensity levels indicate source of HTP winner
 - FCB indicators of changed or moving data
 - Colour mix indicators show current colour output for LEDs and moving lights with colour mix capability
 - Channel number colour indicates intensity-only or moving light channels
- Channel Layouts
 - 999 Channel Layouts
 - User-defined topographical view of channels
 - May include other types of data – Presets, Palettes, Groups, etc.
 - Auto-selectable (visible layout changes based on current channel selection)
- Attribute Displays
 - Live Attributes with Formats to display current rig status
 - Parameters may be edited directly in the Live Attributes tab
 - Attribute Views in editors for viewing and editing parameter and time/delay data
 - Individual parameter times may be set in the Attributes displays
- Dock views
 - Effects dock, Selected (live) dock, Independents dock, Masters dock
 - Browser dock, Device Controls dock, Direct Selects dock
 - Time Code dock, Designer Summary dock
 - Console Mimic dock

SPECIFICATIONS

- List Views
 - High-density view of recorded data
 - Group, Focus Palettes, Colour Palettes, Beam Palettes, All Palettes, Preset, Sequence, Dynamic Effects, Master Page, Template list views
 - Apply text labels to show data
 - Access Editor displays from list views
- Editor Views
 - View and edit show data within editor views
 - Group, Focus Palettes, Colour Palettes, Beam Palettes, All Palettes, Preset, Sequence, Dynamic Effects, Master Page, Template editor views
 - Multiple Editor views may be open at the same time
- Patch Views
 - Channel List, Output list, Device Settings, Output Editor
 - Channel Database for applying up to four labels to each channel (text may be imported from any column-delimited text file)
 - Patch Wizard for clearing the Patch, importing Templates, Range Patching and “next available” Device Patching
- Playback Views
 - Main Playback view
 - Connected Master Playback view
 - Timeline view of current crossfade progress and preview of next crossfade

PLAYBACK CONTROLS

- Main Playback crossfader pair for theatrical-style sequence
- 80 Master Fields with 40 Master Playbacks
- Connect key for use of the Main Playback with Master Playbacks
- Manual or timed fade control
- 999 Sequences (standard mode triggered by “Go” or chaser mode)
- Grandmaster Fader
- Blackout/On/Freeze rotary switch
- Tap tempo for chases

MOVING LIGHT CONTROLS

- 4 Encoders with integral switch
- Encoder labeling in integral LCD display
- Onscreen Device Controls dock with colour chips and gobo bitmaps
- Focus, Colour and Beam encoder mapping
- 14 Direct Select keys
- Dynamic Group selection and Autogroups
- Highlight, Align, Refresh, Mask
- Dynamic Effects

SPECIFICATIONS

INDEPENDENT SECTION

- Three rotary faders
- Three switches with LED indicators
- May contain any channel data, including ML attributes
- Switches may be assigned latch or momentary operation
- All may be assigned inclusive, inhibitive or exclusive operation

MASTERS

- 80 multi-purpose master fields and 40 master playbacks
- Masters may be independently paged in banks of 20 masters
- Masters may be activated using action macros in sequences

PROGRAMMING PAD FEATURES

- Channel Functions
 - Selection Lists constructed with CH/ID, +, -, THRU
 - Levels set with level wheel or @ LEVEL key
 - Assign Palettes and Dynamic Effects quickly
- Preset Functions
 - Record and Update
 - Apply Timing
 - Fetch and select data based on recorded presets
 - Record attributes in tracking/LTP style or preset style
- Sequence Functions
 - Create and assign sequences to the main playback
 - Insert and edit steps
 - Apply step timing
 - Track editing functions for intensity and attributes
- Group Functions
 - Create and edit Groups
 - Select channels and set levels using Groups
 - Record and select Groups using Direct Select hard keys
 - Record and select Groups and set levels directly using onscreen Direct Selects
- Palette Functions
 - Create and edit Palettes
 - Assign Palettes to selected channels
 - Record and apply Palettes using Direct Select hard keys and onscreen Direct Selects
- Dynamic Effects Functions
 - Create and edit dynamic effect templates
 - Assign dynamic effects to selected channels
 - Modify running dynamic effects
 - Insert running dynamic effects into the library
- Electronic multi-lingual Manual and Help system
 - Help system contains the entire system user manual
 - Navigate help system like a web browser with context-sensitive back and forward keys, paging keys, search function
 - Add notes/comments to the electronic manual
 - Create favorites

SPECIFICATIONS

ROLES IN A LIGHTING SYSTEM

- A Cobalt server includes any of the following hardware running Cobalt software in server mode: Cobalt 20, Cobalt 10, Congo, Congo jr or Congo Kid control desks, Cobalt and Congo Light Servers, and ETCnomad Controllers. The server provides data to the lighting system and can be used for programming and playback of show data
- A Congo Kid desk powered by Cobalt can also be:
 - Backup to another Cobalt server on the lighting network
 - Synchronised backup of playback functions (Backup is limited to the channel- and output count of the backup machine)
 - Client to another Cobalt server on the lighting network as multiuser programming/playback station
 - Offline editing station

INTERFACES

- Two DMX512-A/RDM Ports
- Ethernet (Net3/ACN, ETCNet2, Avab IPX and ArtNet network protocols)
- Contact Closure triggers through D-Sub connector
- USB Multipurpose bus (5 ports)
- Phone Remote
- MIDI In/Out (MIDI Timecode, MIDI Show Control, MIDI Notes)
- Audio In*/Out

*Audio In not supported.

PHYSICAL

Congo Kid Dimensions*

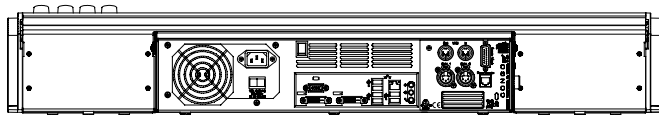
MODEL	HEIGHT	WIDTH	DEPTH
	mm	mm	mm
Congo Kid	140	836	462

Congo Kid Weights*

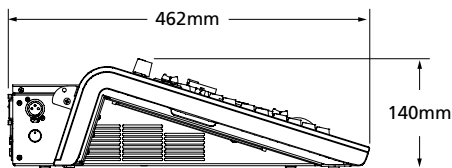
MODEL	WEIGHT	SHIPPING WEIGHT
	Kg	Kg
Congo Kid	13.6	18

*Weights and dimensions typical

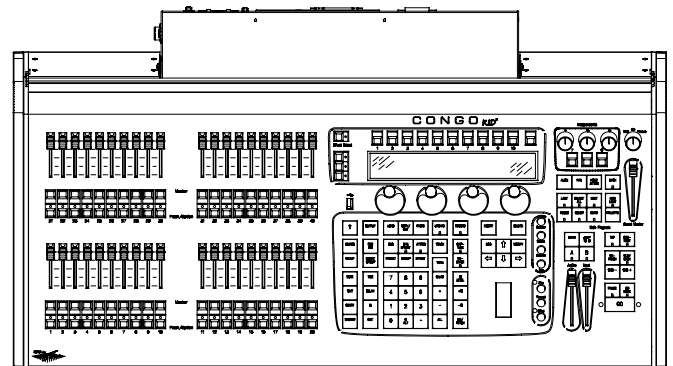
REAR VIEW



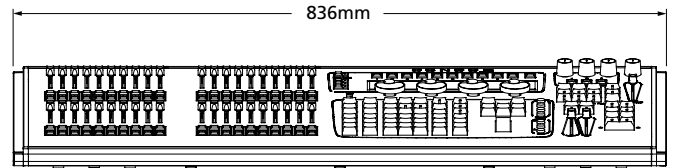
SIDE VIEW



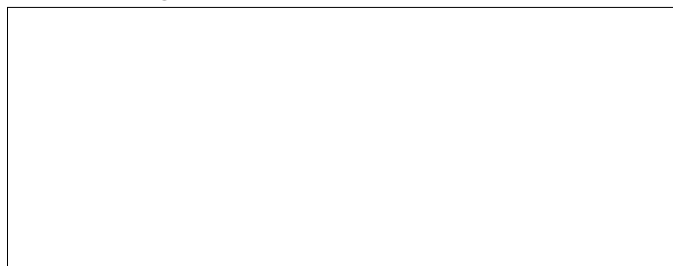
TOP VIEW



FRONT VIEW



AVAILABLE FROM



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