ProPlex®

NEW

CodeBridge™ Micro

LTC-MIDI-ETHERNET

Multi-Format Timecode Conversion in a Compact Form Factor

Regeneration and conversion to and from: SMPTE LTC, ARTNET TC, USB MIDI

Features

- Micro Size, Major Power
- OLED control panel with intuitive U.I., including input levels and LTC oscilloscope
- Full-featured browser monitoring and control with clock and OLED screen mirroring
- Can distribute timecode through an existing network infrastructure
- Assign StreamID to transmitted streams and filter incoming streams
- Passive LTC routing - no power needed
- Automatic failover – if a source is lost, the next input is promoted to primary
- Adjustable output level (-18 dBu to +6 dBu)
- Redundant power – USB-C and PoE
- USB cable retaining clamp
- Backpack friendly. Compact. Lightweight. Rugged. Reliable.

Connectivity

- 100Mbit Ethernet + PoE input (EtherCon)
- USB-MIDI (MIDI in and out)
- Selectable LTC In/Out (XLR-Jack combo):
    - Input: Balanced/Unbalanced, sensitivity threshold −25dBu / 50mV
    - Output: Balanced - transformer isolated; level adjustable −18dBu to +5.4dBu

Worldwide Exclusive Distribution

CE

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Specifications are subject to change without notice. This information supersedes all previously supplied information.

- USB-C LV power - consumption ~ 1W
- Adjustable output level (-18 dBu to +6 dBu)
- 0.96" white OLED screen with 3 buttons
    - LTC (SMPTE)
    - USB MIDI (MTC)

Specifications	
Part Number	PPCODEBLMEMICR
Ethernet (& PoE in) Connector	Neutrik EtherCON™ RJ45
LTC Input/Output Connectors	Neutrik™ 3-Pin XLR Male
Operating Voltage	5 VDC USB-C or 48 VDC PoE
Power Consumption	<5W
Power Connector	USB-C
Operating Temp.	−20°C to +40°C (−4°F to +104°F)
Dimensions (WxHxL)	3in x 1.8in x 4.9in (75.9mm x 46.7mm x 124.6mm)
Unit Weight	0.63 lbs (285g)
Shipping Weight	1 lb (454 g)

Ordering Code	
PPCODEBLMEMICR	PROPLEX CODEBRIDGE MICRO LTC-MIDI OVER ETHERNET

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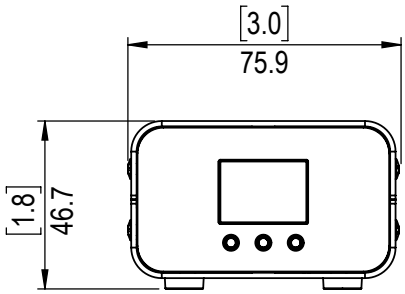

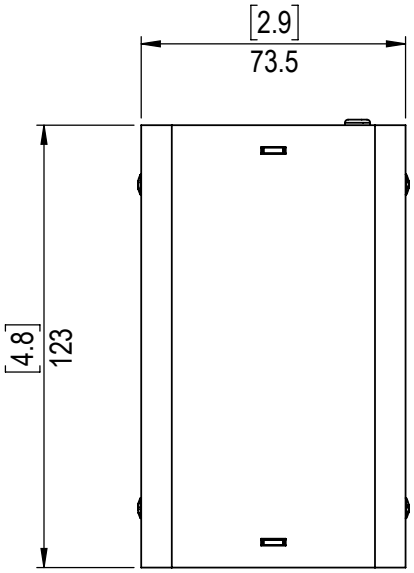

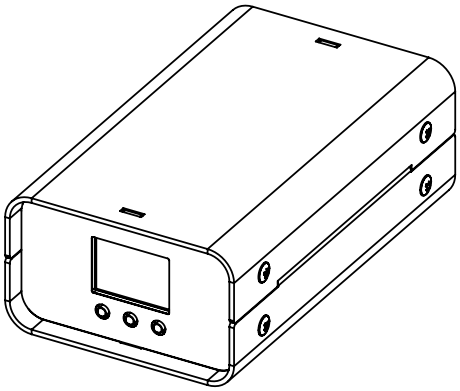

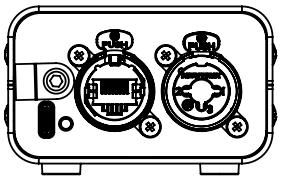

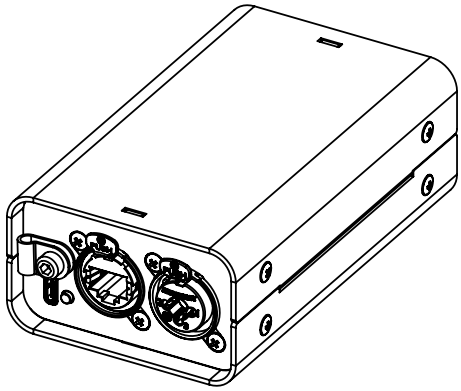

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ProPlex LTC Devices

Timecode and/or MIDI wherever you need them! Unlimited Ethernet distribution of LTC and MIDI opens a world of possibilities

CodeBridge™ PLUS Multi-format timecode converter with a dot-matrix RGB LED clock display

- Dot-matrix, RGB LED clock display
- Passive LTC routing - no power needed
- Automatic failover – if a source is lost, the next input is promoted to primary
- Distribute timecode through an existing network infrastructure
- Assign StreamID to transmitted streams and filter incoming streams
- OLED control panel with intuitive user interface, input monitors and LTC oscilloscope
- Full-featured browser monitoring and control includes large clock and OLED } screen mirroring options
- Two transformer-isolated XLR3 LTC outputs. Adjustable output level (-18 dBu to +6 dBu)
- Compact, lightweight, rugged, reliable. Backpack friendly
- USB cable retainer
- Available rackmount kit and yoke options
- Redundant power – USB-C and PoE

CodeBridge PLUS Part Number
PPCODEBLME+
proplex.com/codebridge-plus

CodeCommander™ Powerful multi-purpose timecode processor provides timecode conversion, generation, re-generation, configuration, repair, monitoring, plus source/output selection and management of an entire ProPlex LTC network

Fully compatible with industry standard timecode protocols:

- SMPTE timecode (LTC) via balanced XLR ports
- Art-Net Timecode
- MIDI timecode (MTC) via USB-C, RTP-MIDI and DIN-5
- Convert and distribute the primary timecode source over up to 12 balanced LTC outputs
- 4x XLR3 outputs built-in (base model)
- Optional interchangeable panels with 8x outputs and different connector options: (DB-25, CPC, ¼" Jacks, PB-25 diagonal/BNC and GenLock Input with DB-25 Output)
- Signal shape regeneration and jitter reduction
- Output level adjustment up to +6dBu (independent for XLR and optional panels)
- 4 user-configurable preset buttons which trigger source selection modes
- Large RGB LED dot-matrix clock displays primary source and timecode generator with customizable color or default colour status scheme

CodeCommander Part Number
PPCODECOMLMER
proplex.com/codecommander

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CodeBridge™ Timecode and MIDI transmission/reception over Ethernet

CodeBridge Part Number
PPCODEBLME
proplex.com/codebridge

- Passive LTC routing - no power needed
- Many In, Primary Out – any input can be elected as "primary" and converted to all outputs
- Automatic failover – if a source is lost, the next input is promoted to primary
- Distribute timecode through an existing network infrastructure
- Assign StreamID to transmitted streams and filter incoming streams
- OLED control panel with intuitive user interface, input monitors and LTC oscilloscope
- Full-featured browser monitoring and control includes large clock and OLED } screen mirroring options
- Two transformer-isolated XLR3 LTC outputs. Adjustable output level (-18 dBu to +9 dBu)
- Compact, lightweight, rugged, reliable. Backpack friendly
- USB cable retainer
- Available rackmount kit and yoke options
- Redundant power – USB-C and PoE

CodeBridge Micro™ Pocket-sized timecode and MIDI transmission/reception over Ethernet

CodeBridge Micro Part Number
PPCODEBLMEMICR
proplex.com/codebridge-micro

- Micro Size, Major Power
- OLED control panel with intuitive U.I., including input levels and LTC oscilloscope
- Full-featured browser monitoring and control with clock and OLED screen mirroring
- Can distribute timecode through an existing network infrastructure
- Assign StreamID to transmitted streams and filter incoming streams
- Passive LTC routing - no power needed
- Automatic failover – if a source is lost, the next input is promoted to primary
- Adjustable output level (-18 dBu to +6 dBu)
- Redundant power – USB-C and PoE
- USB cable retaining clamp
- Backpack friendly. Compact. Lightweight. Rugged. Reliable.

CodeClock™ Compact timecode display with LTC/MIDI/USB conversion and LTC distribution

CodeClock Part Number
PPCODECLME

- Large RGB LED matrix clock displays time and changes color depending on status
- Receives timecode over LTC (XLR3), MIDI (DIN), or USB MIDI
- Redistributes selected timecode over LTC outputs
- 3x Neutrik XLR3 outputs are transformer-isolated and have adjustable level (-18dBu to +6dBu)
- OLED control panel with intuitive user interface, and waveform display
- Built-in timecode generator capable of running at any standard framerate
- Compact, lightweight, rugged, reliable. Backpack friendly
- Available rackmount kit options
- Powered via USB-C. Cable retainer prevents accidental disconnection

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FoH Friend™ Timecode/Audio Switching Tools

Work with your local timecode and audio track files every spare minute, until the stage calls!

- Available with and without built-in USB-C DAC
- Instantly switch between two timecode and audio sources
- All the outputs and controls you need for programming with timecode and audio tracks
- Independent gain controls for XLR audio output + true headphone amp with 1/4" and 3.5mm jacks
- Two audio + two timecode inputs all with combination XLR/TRS connectors
- Selector switches for independent selection of audio + timecode inputs
- DAC can input and output via USB simultaneously
- Backpack friendly units ship complete with carrying pouch

Original FOH Friend Part Number
PPFOHF

FOH Friend DAC Part Number
PPFOHFDAC

proplex.com/foh-friend-timecode-audio-switching-tool

Ordering Codes	
PROPLEX LTC DEVICES	
PPCODEBLMEMICR	PROPLEX CODEBRIDGE MICRO LTC-MIDI OVER ETHERNET
PPCODEBLME+	PROPLEX CODEBRIDGE PLUS LTC-MIDI OVER ETHERNET WITH CLOCK
PPCODEBLME	PROPLEX CODEBRIDGE LTC-MIDI OVER ETHERNET
PPCODECOMLMER	PROPLEX CODECOMMANDER LTC MIDI ETHERNET RACKMOUNT
PPCODECLME	PROPLEX CODECLOCK LTC IN/3X OUT MIDI IN/OUT
PPFOHF	PROPLEX FOH FRIEND MINI ENCLOSURE INC POUCH
PPFOHFDAC	PROPLEX FOH FRIEND DAC MINI ENCLOSURE INC POUCH
PPFOHFWP	PROPLEX FOH FRIEND MINI ENCLOSURE WITHOUT POUCH
PPFOHFDACWP	PROPLEX FOH FRIEND DAC MINI ENCLOSURE WITHOUT POUCH
PPFOHPOUCH	PROPLEX MINI DEVICE POUCH SMALL
HARDWARE	
PP1RMKITSS	PROPLEX 1U RACKMOUNT KIT, SINGLE "MINI BSH"
PP1RMKITSD	PROPLEX 1U RACKMOUNT KIT, DUAL "2XMINI BSH"
PP1RMKITS+MD	PROPLEX 1U RACKMOUNT KIT, DUAL "MINI + MEDIUM BSH"

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