CEREVO

FlexTally Pro

Network & Wireless Tally Light System

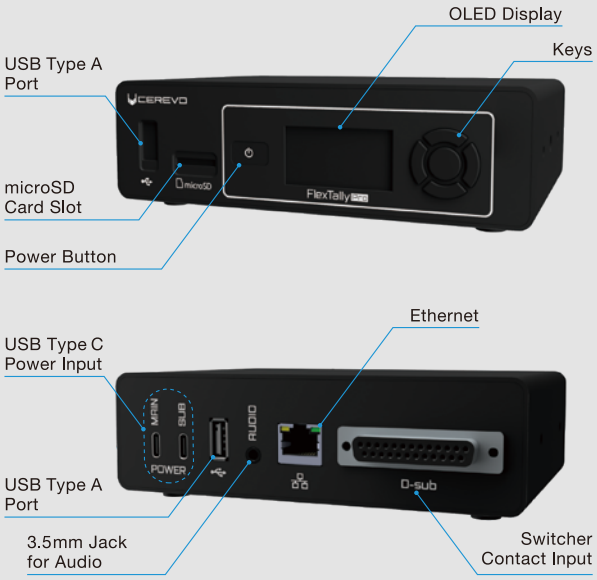
Supports both wireless and wired options,
making it adaptable to a wide range of production scenarios,
whether it's a live music gig or studio filming.

FlexTally Pro is sold in a set of one base unit and four lamps. More lamps can be added to the system.

Up to 128 lamps can be added, so the system can be used for all kinds of situations from small studio to large-scale filming, all at a competitive price.
The lamps can be connected with a mixture of Ethernet and wireless connections, allowing for flexible installation options.

Product Overview

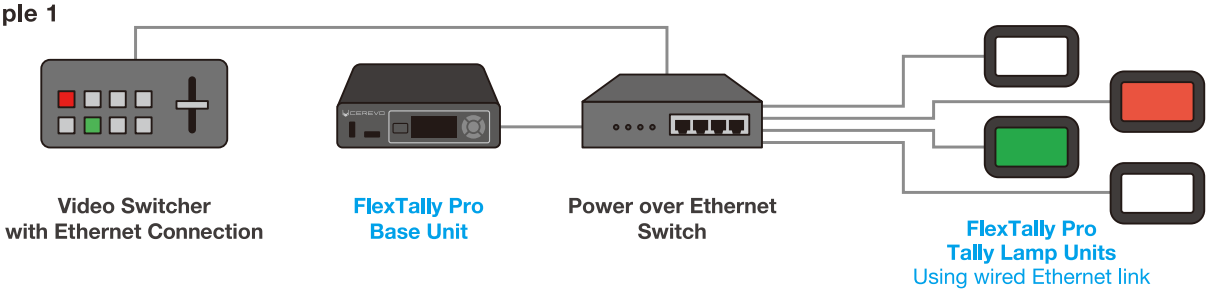
Base Unit



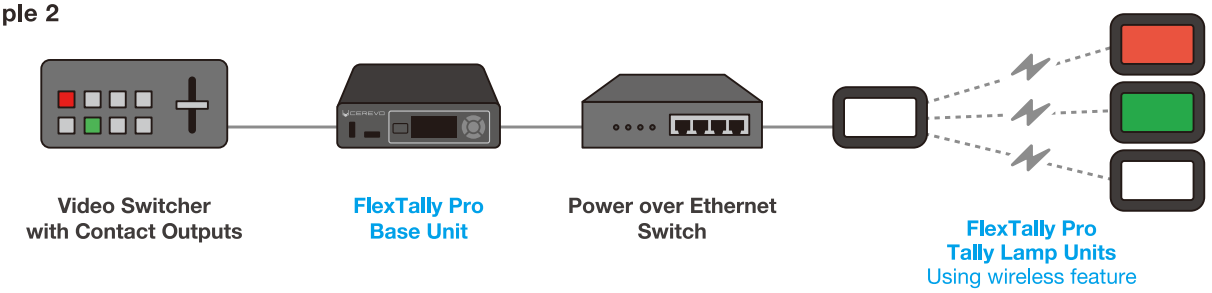
Lamp

Example System Diagram

Example 1



Example 2



The tally signal interface

Any video switcher with tally contact output can be directly connected to the FlexTally Pro Base Unit.
The Base Unit can also host some switchers having tally signal output over a USB or Ethernet interface.

Between the base unit and the lamps

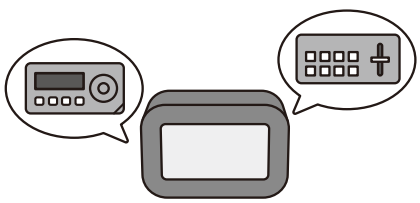
The Ethernet network interface is used to connect the Base Unit and the lamps. This may be an existing network.
An Ethernet switch (not included in this product) is required to connect multiple lamps to the system.
The lamps are Power over Ethernet (PoE) capable devices. With a PoE power sourcing switch, no separate power supply is required for the lamps, simplifying the setup.

Wireless link for the lamps

Wireless link can also be used to interface the lamps. Any lamp unit connected by wired ethernet will automatically act as a radio transmitter that relays tally signals to other lamps without direct wired connection.
To use the wireless feature, at least one lamp must be connected to the Base Unit by Ethernet link. Multiple lamps may be controlled by a single lamp unit acting as a transmitter.

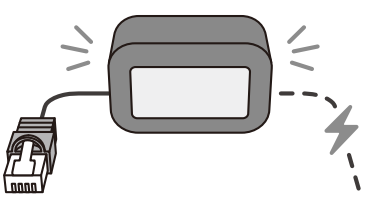
Compatible with More Than 50 Different Switchers

FlexTally Pro is compatible with switchers from major manufacturers and can be used in a wide range of configurations.
FlexTally Pro Base Unit supports not only GPIO connections but also Ethernet and USB connections in accordance with the specifications of each switcher.



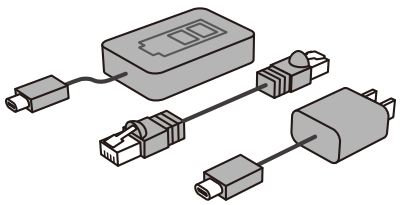
Supports Both Wired and Wireless Connections

Each lamp unit supports Ethernet, allowing for highly reliable and flexible wiring.
A wireless connection option is also available, giving the option for set up even in difficult environments.
The wireless connection uses the 433 MHz band, which is resistant to obstructions and interference.



Supports Various Power Sources

Each lamp supports three types of power sources.
Power over Ethernet, AC adapter, and battery pack connections are available, enabling you to choose the power supply method that best suits each shooting environment.
Direct connection of an LP-E6 type battery is also possible.



Specifications

Base Unit

Video Switcher Connectivity	**Physical Interfaces Available**		Relay or open collector contacts, USB, or Ethernet
	Contact Interface	Connector type	D-SUB 25 pins female
		Input type	Relay or open collector contacts
		Number of inputs	16 contacts
	USB Interface	Connector type	USB Type A connector
		Supported protocols	USB MIDI Class Interface *1
	Ethernet Interface	Connector type	RJ 45
		Physical protocol	10BASE-T/100BASE-TX
		Number of ports	1 port *Shared with other features based on Ethernet
		Supported protocols	Blackmagic Design ATEM series, Telestream Wirecast series, StudioCoast vMix series, NewTek TriCaster series *See the compatibility list for more supported models.
Base Unit to Lamp Connectivity	**Physical Interface**		Ethernet
	Number of Lamps Supported		128 units *Ethernet switch is required
Power	**Usable Power Sources**		USB Type C
	Number of Ports		2 ports
	Nominal Voltage		5 [V]
	Maximum Current		3 [A]
	Supply Redundancy		yes
Physical Specifications	**Dimensions**		W145 × D100 × H42 [mm]
	Mass		Approx. 500 [g]

*1 Works with some swichers such as Rolad V-1HD. See the compatibility list for more supported models.

Lamp

Base Unit to Lamp Connectivity	**Wired Interface**	Physical interface	Ethernet
		Physical protocol	10BASE-T/100BASE-TX
		Number of ports	1 port *Shared with other features based on Ethernet
Lamp to Lamp Connectivity	**Wireless Interface**	Physical interface	Proprietary radio
		Frequency band	433 [MHz] *For US/EU models
		Max communication distance	50 [m] *Line-of-sight
Power	**Usable Power Sources**		Power over Ethernet, USB, or rechargable battery
	Power over Ethernet	Supported protocols	IEEE802.3af
	USB	Connector type	USB Type C connector
		Number of ports	1 port
		Nominal voltage	5 [V]
		Maximum current	1 [A]
	Battery	Battery type	LP-E6 compatible battery pack *Not included with the product
		Nominal voltage	7.4 [V]
		Operating Time	6-12 hours *Will vary depending on the lamp brightness and usage environment
Physical Specifications	**Dimensions**		W102 × D42 × H61 [mm]
	Mass		Approx. 200 [g]

Compatible Switcher List

Manufacturer	Model / Series	Connection
AVMatrix	HVS0402U	GPIO
Blackmagic Design	ATEM Mini	Ethernet *1
	ATEM SDI	
	ATEM Television Studio	
	ATEM Production Studio	
	ATEM Constellation	
Datavideo	SE-1200MU	GPIO
Panasonic	AG-HMX100	GPIO
	AW-HS50	
Sony	MCX-500	GPIO
Roland	Video Mixers (e.g.,V-40/60/160HD)	GPIO
	AV Mixers *2 (e.g.,VR-4/6/120HD)	
	V-1HD	USB
	V-1SDI	
	V-8HD	
	VR-1HD	

Manufacturer	Model / Series	Connection
Lumantek	ez-Pro	USB
NewTek	TriCaster 1 Pro	Ethernet or GPIO
	TriCaster 2 Elite	
	TriCaster TC1	
	TriCaster 410	
	TriCaster 460	GPIO
	TriCaster TC410 Plus	Ethernet
FOR-A	HVS	GPIO
Telestream	Wirecast	Ethernet
StudioCoast	vMix	Ethernet

*1 Some models/series require GPI and Tally Interface + GPIO connection.
*2 Some exclusions apply.
For the latest compatible switcher list, please visit FlexTally Pro official page.

This product is expected to be available in the spring of 2024.
** The specifications are subject to change without prior notice.

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