

DTElabs

TRI-400 & CTR-100 RCP & Tally Twisted Pair Extender

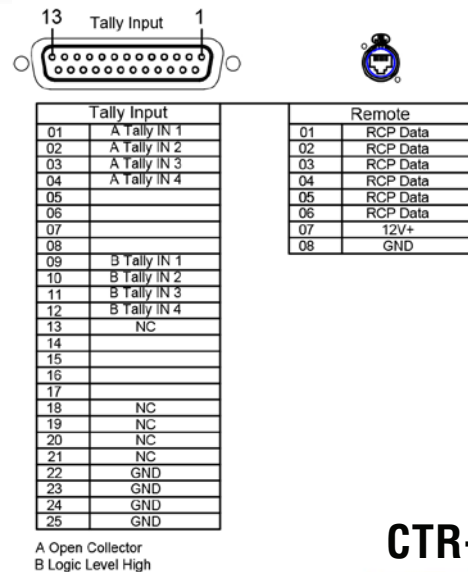
Specifications

TRI-400 main Unit in conjunction with the CTR-100 module to provide a camera RCP interface, as well as a tally "on air" indication, operating over Twisted pair up to 300 meters.



TRI-400 Main Interface

- Transmits Camera Tally and RCP Control over single Cat 5e twisted pair cable
- Extends up to 300 meters
- Remote powering of camera tally receiver
- Supports up to 4 camera receivers
- Internal universal power supply
- Tally input supports most switchers
- Neutrik Ethercon Color coded heavy duty Connectors
- Panasonic & Sony RCP units supported (See supported models)



CTR-100



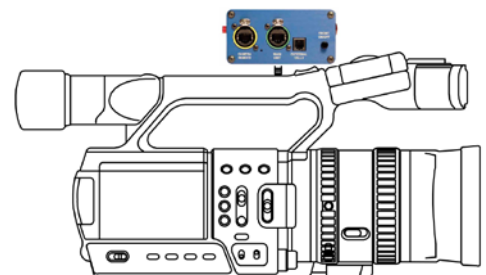
CTR-100 | Camera Remote

- Talent and Operator Tally light
- External tally trigger for monitors with supported tally input
- Talent tally on/off switch
- 1/4 20 mounting
- All metal construction
- Powers direct from camera no external power needed



External Tally	
01	LED
02	* +5V
03	GND
04	**Open Collector

*+5V output in series with 100 ohms
**OC contacts at 350 ma max



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Specifications

TRI-400 & CTR-100 | RCP & Tally Cable Set

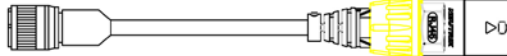


RCP



SONY RCP Cable
RCP to RCP-100 Part #SRCP-1
Panasonic RCP Cable
RCP to RCP-100 Part #PRCP-1

CTR-100
Camera Side

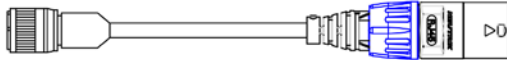


SONY Cable
Camera to CTR-100 Part #SCTR-1
Panasonic Cable
Camera to CTR-100 Part #PCTR-1

TRI-400 | RCP Only Cable Set

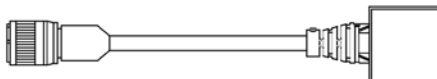


RCP



SONY RCP Cable
RCP to RCP-100 Part #SRCP-1
Panasonic RCP Cable
RCP to RCP-100 Part #PRCP-1

Camera



SONY Camera Adapter Cable
Camera to RJ-45 Part #SC-1
Panasonic Camera Adapter Cable
Camera to RJ-45 Part #PC-1

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Specifications

TRI-400	Tally RCP Interface Unit	
Inputs	Specifications	Connectors
4 Tally Closure Inputs*	Relay contact or Open Collector (OC) to ground activate tally	Dsub 25
4 GPI Inputs (postive logic)	Nominal logic level, +3V activates tally	Dsub 25
4 RCP Remote Inputs. Power Out to RCP	Camera RCP Inputs. Power Out to RCP; 7 Watts per channel max.	Neutrik CAT5e
Outputs	Specifications	Connectors
4 Camera Outputs Tally and RCP	RCP Interface to Camera and Tally control to CTR-100	Neutrik CAT5e
Power	Specifications	Connectors
Power Requirements	100~240 VAC, 47 to 63 Hz,30 Watts max	AC Receptacle
Power Indicator	LED indication	
Mechanical	Specifications	
1 Rack Unit 19" chassis	1.75(44 mm) x 19"(480 mm) x 7"(178 mm)	

* 8 total Tally Inputs comprised of mixed contact/OC and Logic Inputs

Tally Interface Cables sold separately. Custom lengths available.
Contact us for information and pricing

Design and Specifications Subject to Change Without Notice

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Specifications

CTR-100 Camera Tally Remote Module		
Inputs	Specifications	Connectors
Tally control and RCP inputs from TRI-400	Tally Light control and RCP to Camera. RCP and Tally range greater than 300 m (1000 ft).	Neutrik CAT5e
Outputs	Specifications	Connectors
RCP interface to Camera & power from Camera to Module	Camera RCP interface and +12V power from camera to module.	Neutrik CAT5e
External tally interface	OC contacts at 350 ma max and +5V output at 350 ma max	4-pin RJ11
Indicators	Specifications	Connectors
Talent Tally (red)	On/off module switch control; bright LED indication	N / A
Opertor Tally (red)	Bright LED indication	N / A
Indicator Range	Greater than 300m (1,000 ft) using Cat5e cable	N / A
Mechanical	Specifications	
Tally Module	4"(100 mm) x 2"(50 mm) x 2"(50 mm)	

Interface Cables Sold Separately	Custom lenghts available
Sony Cameras Panasonic Cameras Sony Cameras (RCP only) Panasonic Cameras (RCP only)	RCP and Tally range greater than 300 m (1000 ft). RCP (P/N PRCP-1) 15 feet; Camera/Tally (P/N PCTR-1) 1.5 feet RCP (P/N SRCP-1) 15 feet; Camera (P/N SC-1)1.5 feet RCP (P/N PRCP-1) 15 feet; Camera (P/N PC-1) 1.5 feet

Supported RCP Models

Sony RM-B150 and RMB750; contact us regarding other models
Panasonic AJ-RC10G and AJ-EC4; contact us regarding other models
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