AVMATRIX®

Model NO.:

TS3019

WIRELESS MULTI-CAMERA TALLY SYSTEM

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200M WIRELESS TRANSMISSION

Tally lamps can receive the tally signal transmitted from video switcher, up to 200m (line-of-sight) wireless transmission distance. And the wireless tally system supports both 433Mhz wireless and RS-485 wired connection with long and stable signal transmission.

200m

3

HIGH COMPATIBILITY

The tally box supports various interfaces such as GPIO/USB/RS-232/RS-485, which can be compatible with video switchers, Vmix.
The rich interfaces can meet users different needs and applications.

FEATURES

➤ Support 433Mhz wireless or wired tally connection

➤ Up to 200m wireless connection distance (line-of-sight)

➤ The tally box with multiple interfaces including GPIO/USB/RS-485/RS-232

➤ GPIO compatible with AVMATRIX and other video switchers

➤ Compatible with VMix via USB type-c

➤ Wireless PTZ camera control via RS-232/RS-485 pass through

➤ Up to 16 tally lamps can be supported

➤ Both front and rear indicators on the lamps with 4-level adjustable brightness

➤ Visible signal strength and battery status on the tally lamp

➤ Tally lamp can be powered by USB type-c or 18650 li-ion battery

➤ 1/4 inch hot shoe for tally lamp installation

PTZ REMOTE CONTROL

PTZ CONTROLLER

PTZ CAMERA

RS-485

RS-485/RS-232

The wireless tally system also support PTZ camera control via RS-485/232, which can fully meet the needs of directors and can control cameras simultaneously.

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TALLY BOX

TALLY LAMP

INTUITIVE STATUS DISPLAY

The tally system supports up to 16 tally lamps. There are both front and rear indicator light on the tally lamp with 4-level brightness can be adjusted. Users can also check signal strength and power status easily on the tally lamp.

HOT SHOE MOUNTING

1/4 inch hotshoe hole

The tally lamp is designed with a 1/4 inch hotshoe hole. It is easy for installation and operation and can be widely used in different application scenarios.

DUAL POWER SUPPLY

The tally lamp can be powered by USB type-C or 18650 li-ion battery. It supports large-capacity battery installation, which is convenient for outdoor application. It's also can be charging by USB.

USB Type-C

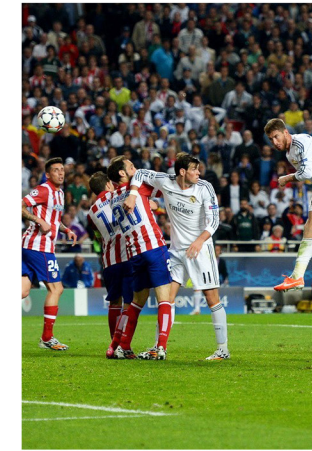18650 li-ion battery supply

WIDESPREAD APPLICATION

The wireless tally system can be widely used in various field events such as interviews, concert, live sports , live weddings, churches and other live broadcast activities.
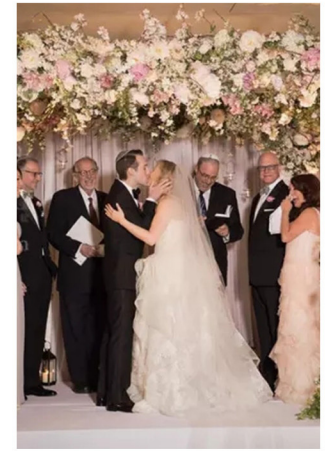

Interviews   Concert   Live Sports   Live Weddings

TECHNICAL SPECIFICATION

TALLY BOX PARAMETERS	Connections	1×GPIO , 1×RS-232 terminal, 1×RS-485 terminal, 1×USB type-c
	Number of Lamps	Support up to 16 tally lamps(12 LED indicator)
	Wireless Distance	Transmission up to 200m (line-of-sight)
	Wireless Frequency	433MHz
	Wireless Connectivity	RS-485 serial connection
	Application Support	Vmix, Video switchers with GPIO-tally interface such as AVMATRIX ,Roland, SONY, NewTek, Panasonic, DataVideo, or tally converter box with GPIO such as BMD's GPI and tally interface
	Power	Working Voltage: 5V, Power Consumption: ≤ 0.2W
TALLY LAMP PARAMETERS	Connections	1×USB Type-c,1×RS-485,TALLY OUT
	Power supply	5V USB power supply or 18650 li-ion battery (optional) power supply
	Brightness	Support 4-level brightness
	Battery Operating Time	up to 9 hours (depending on battery capacity & lamp brightness & usage environment)
	Power	Working Voltage: 5V; Power Consumption: ≤2.5W; Battery Charging Current: 5V 1A
	Mouting Hole	1/4 inch hotshoe hole
OTHERS	Dimension (LWD)	Tally box: 104*75.5*24.5mm; tally lamp: 98.5*65*26.5 mm
	Weight	Tally box: 327g; tally lamp: 90g (without battery)
	Temperature	Working temperature: -20℃~60℃; storage temperature: -30℃~70℃
	Accessories	TS3019-4(4 Lamp Suits): 1×Tally Box, 4×Tally Lamps, 1×Suitcases, 1×Power Supply(5V 1A), 5×USB2.0 Type-C Cables, 1×Antenna, 1×GPIO Connector"

75.5 mm   24.5 mm   98.5 mm   65 mm   28.5 mm
104 mm