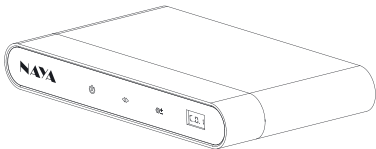




# User's Manual of Tally Base Station

## **HDI-TL170**



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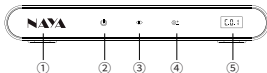
## 1. Check the Items in the Package

◆The package contains the following items, if any damage or loss, please contact Naya or the dealer you purchased from.

No.	Item	Q'ty
①	Tally Base Station	1
②	Adapter	1
③	Antenna	1

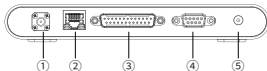
## 2. Parts Introduction

### 2.1 Front panel



No.	Item	Description
①	On/off display	When the device is turned on, LOGO lights up; when the device is off, LOGO lit off.
②	Power switch	Power on/off, short press to power on, long press to power off.
③	Setting keys	Parameter setting keys.
④	Menu keys	Keep pressing for 3 seconds to enter the settings menu.
⑤	Parameter display	To display device parameters, the current channel is displayed by default.


### 2.2 Back panel





No.	Item	Description
①	Antenna interface	SMA female socket, connected to external antenna.
②	LAN port	RJ45 port, for data reading and configuration, connected to network as well.
③	GPIO port	DB25 male socket, for tally input.
④	COM port	RS232 port, for data reading and configuration.
⑤	Power port	DC 12V/2A, used with a dedicated power adapter.

### 3. Using Instruction

#### 3.1 Channel setting

Step 1 <enter the menu>: long press  for 3 seconds, to enter to channel setting;

Step 2<parameter modification>: in state of channel setting, channel number flash slowly, then parameter can be modified. Short press   for channel setting(positive loop).

#### 3.2 Channel self-test

Channel self-test: when TL170 powered on if any other device in same channel or frequency works, then **[ERR]** displays, then the channel of TL170 should be changed (at least 15 channels far away from current channel).

Channel 10 is default setting.

Remarks: Tally lights should be in same channel with TL170 for normal working.

### 4. Tally Input Definition

#### 4.1 GPIO input

Every type of video switcher has it's own Tally output definition, GPIO input port supports on/off and high/low type, usually dedicated data cable is used to connect the video switcher.



**Please read the manual carefully before using the product**

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Website: <http://www.nayatec.com>

Manufacturer: Shanghai Naya Intelligence Technology. Co.,Ltd

Address: No.7001 Zhongchun RD., Minhang district, Shanghai, 201101, China



No.	Definition	No.	Definition
1	PGM 1	14	PVW 1
2	PGM 2	15	PVW 2
3	PGM 3	16	PVW 3
4	PGM 4	17	PVW 4
5	PGM 5	18	PVW 5
6	PGM 6	19	PVW 6
7	PGM 7	20	PVW 7
8	PGM 8	21	PVW 8
9	PGM 9	22	PVW 9
10	PGM 10	23	PVW 10
11	PGM 11	24	PVW 11
12	PGM 12	25	PVW 12
13	GND		

Different Tally cable used for switchers of different brands, different models. Special Tally cable from Naya factory is recommended. When work with any other switcher, you need to confirm with the manufacturer whether the Tally data cable matches, improper use of the data cable or incorrect connection may cause permanent damage to the equipment.

#### 4.2 Configuration port

The device with RS232 port, for Tally signal input based on serial port protocol. RS232 with DB9 female socket.

## 5. Maintenance and Cleaning

In order to ensure that this equipment can exert its good performance and extend its service life, please be familiar with the following for better daily maintenance and cleaning.

### 5.1 Maintenance

- ◆ Do not puncture or scratch the device with hard objects;
- ◆ Do not puncture or scratch the device with hard objects;

### 5.2 Cleaning

◆ Clean the device regularly and use a clean, dry towel or brush to remove dust from the surface of the device.

◆ If the equipment casing becomes dirty, you can use neutral detergent and no obstruction cloth to clean it, do not use stain remover, alcohol, spray and other chemical preparations to avoid damage to the equipment, be sure to ensure that the equipment is completely dry, otherwise do not use.

## 6. Warranty and Maintenance Terms

The company promises that all the equipment produced by the company, from the date of purchase, under normal use operation and maintenance conditions, material or manufacturing process defects, can enjoy the following warranty services.

### 6.1 Scope and duration of warranty

- ◆ Warranty: 12 months

### 6.2 Warranty application

◆ If you apply for product maintenance, please be sure to provide the company's product warranty card or valid purchase invoice as a proof, during the warranty period, the relevant marks of the product should be kept clean and complete and not torn.

## 7. Warranty Card

In order to protect your rights and interests, please fill in it carefully and keep it properly as a certificate for maintenance.

<b>Reseller information</b>			
<b>Model</b>		<b>Sales date</b>	
<b>Reseller</b>		<b>Contact telephone/E-mail</b>	
<b>User information</b>			
<b>User</b>		<b>Contact telephone</b>	
<b>Address</b>		<b>E-mail</b>	