



1. Safety Information

WARNING

- The following is important to use Rapport337 safely.

First of all, read through "the precautions for your safety " before using the system.

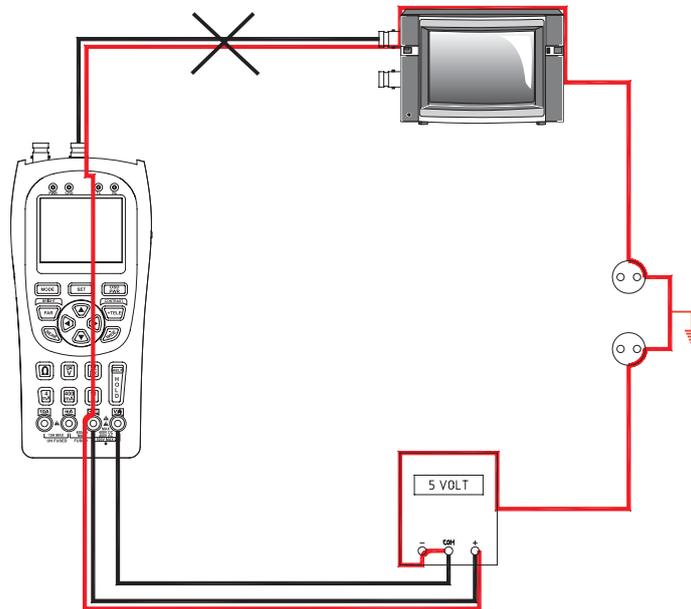
Make sure to check the input and output range of voltage or current at every input and output ports of Rapport337 before connecting each of them, so that the system cannot be overloaded when in use.

Set up the range for measuring voltage, current and resistance for their known values and use the maximum range for unknown values to protect the unit from damage.



1. Safety Information

When the meter function is being used, do not connect any device to the VIDEO IN/OUT terminals at that time, as the grounding could cause any damage or trouble to both of them.



The following operational environment should be maintained constantly for the proper use of Rapport337.

- ⌘ Temperature : -10 °C ~ 50 °C
- ⌘ Relative humidity : 30% ~ 90%
- ⌘ Recharging voltage : 12V ± 10%, above 1A

 **WARNING**

- Pay attention to the following precautions when using Rapport337.

Do not use the unit in damp humidity or leaking gas environments.

Do not touch it with wet hands.

Be mindful not to shock or shake the unit while in use to avoid damage.

Avoid the places of strong magnetism or electric wave, which would cause incorrect measuring.

Be careful not to expose the ports or joints to dirt or liquid.

Make sure to use specified replacement fuses described in the 3rd chapter.

Do not disassemble the Rapport 337.

Do not use the meter function, when the Rapport337 or the lead set look damaged.

Do not measure resistance when the power is applied to a circuit.

When using the meter function, do not forget to turn on the power of Rapport337 and set up the proper measurement mode before connecting to a circuit to be measured.

Turn off the power to the circuit to be measured and discharge all high voltage capacitance before starting resistance or continuity tests to avoid damage to the Rapport 337.

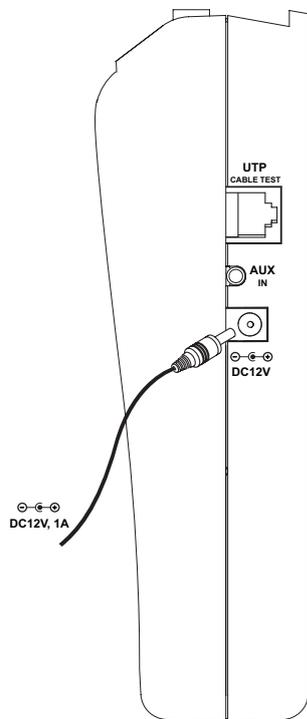
Put the finger behind the protecting pad when using a probe.



1. Safety Information

⚠ WARNING

● Battery Charging & Its Precautions



With the rechargeable 6 nickel hydrogen (Ni-MH) AA-size batteries placed in, Rapport337 can be charged with an adapter of above DC 12V, 1A, and it takes more than 8 hrs for the battery to be fully charged.

The battery operates normally after initial 2 or 3 times of full charging, and it can be used for about 3 hrs and above.

The battery charging can be checked on the initial picture of POWER ON, and also confirmed on the VIEW INFORMATION.

The battery is recharged when connected to a DC adapter irrespective of the Power slide S/W or  button.

Alkaline battery(AA size) is usable for about 2 hrs.

- Cautions for Battery -

- The following batteries can be used for Rapport337
- (AA)-size alkaline battery (6EA)
 - (AA)-size chargeable nickel hydrogen (Ni-MH) battery (6EA)

Use only chargeable nickel hydrogen (Ni-MH) batteries, when charging batteries, using an adapter to Rapport337.

Place the CHARGE SWITCH "ON" position for recharging.

The CHARGE SWITCH is located on the upper part of battery insert.

(Refer to the figure below)

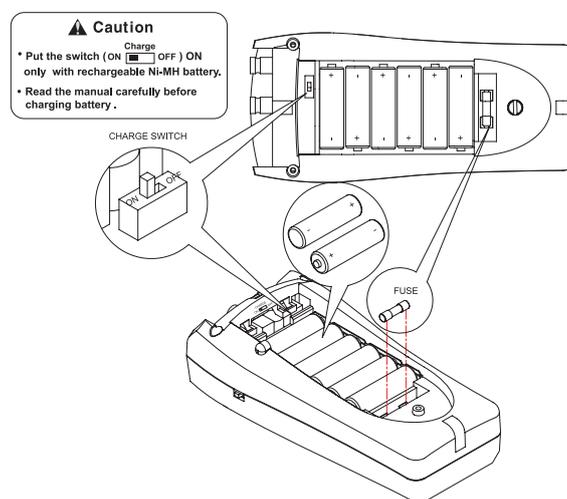
The performance of batteries can be very different, according to manufacturers. Please use any reliable brand.

Do not mix batteries of different manufacturers when charging batteries.

Make sure not to disorient the polarization of batteries.

Do not short-circuit or disassemble batteries.

Make sure to check the polarization and the voltage and current ratings before charging batteries and disconnect the charger immediately should an abnormal situation arise.





2. Introduction of Rapport337

FEATURES

As a handy and portable device designed for testing various appliances, for the image-output equipments to be installed, Rapport337 is an efficient tester with useful testing functions, to assist the installation of CCTV, UTP test, communications test, RS-485 communications inspection, etc.

For testing each function, set up modes and capacities to be tested, using the key pad located on the front part of Rapport337.

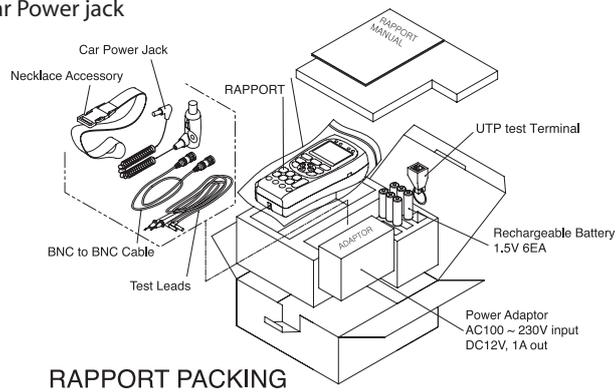
Main Functions of RAPPOR337

- | | |
|------------------|--|
| Video tester | <ul style="list-style-type: none">▶ The video signal and the quality of picture can be tested, and brightness, color and focus can also be adjusted while the image is being watched.▶ Video signal generator mode :It outputs color bar Red, Blue and Green screen to allow technician to inspect video monitor or DVR. Support both PAL & NTSC video signal format. |
| Multimeter | <ul style="list-style-type: none">▶ Voltage, current, resistance, short-test can be tested. |
| PTZ Controller | <ul style="list-style-type: none">▶ The basic operational test of PTZ, and other tests of focus and image checkup, etc. that are needed for the installation of PTZ are possible.
It supports RS-485/422 communications mode. |
| UPT Cable tester | <ul style="list-style-type: none">▶ The wiring condition(disconnected, shorted) of UTP cable can be checked out. |

Standard Items

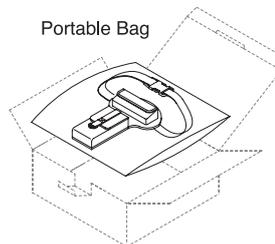
Check the contents of your Rapport337 package with the standard checklist below placing them on a level place.

- Rapport337 Main Body
- User's Manual
- Test Lead Set(Red, Black)
- Adapter
- Rechargeable AA(Size) Nickel Hydrogen(Ni-MH) Battery (6EA)
- Necklace
- UTP test Terminal
- BNC Video Cable
- Car Power jack



Optional Items

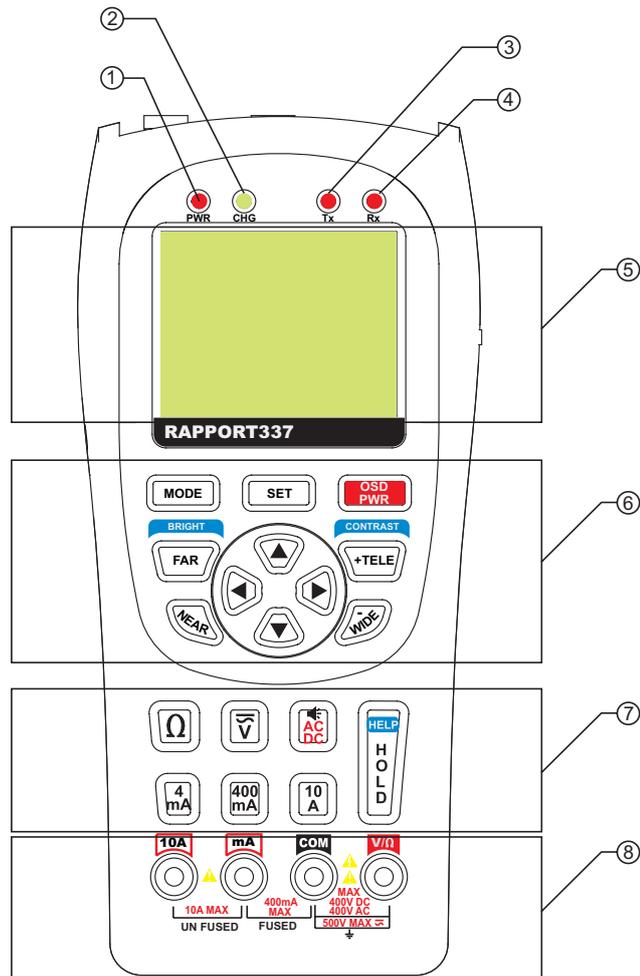
- 꺄 Tester Bag





2. Introduction of Rapport337

● Names & Functions of Each Part

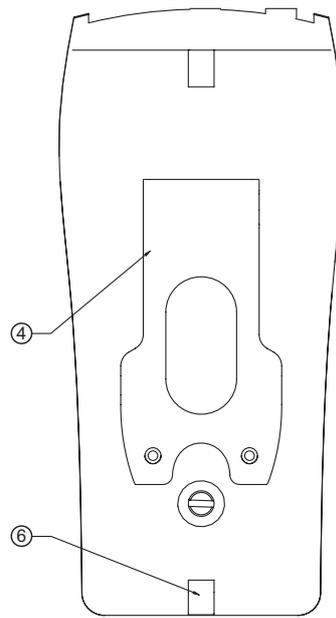
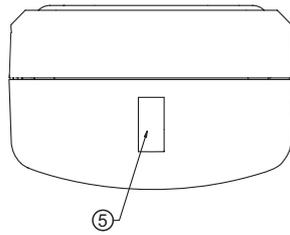
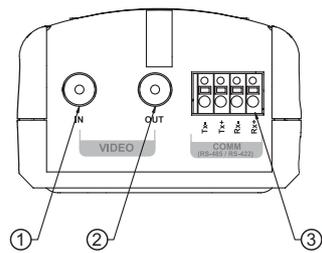


Part	Name	Function
①	Power LCD	Red LED is on when the system is switched on
②	Charge Indicating LED	Green LED is on when being charged
③	Data Transmitting LED	Red LED is on when data is transmitted
④	Data Receiving LED	Red LED is on when data is received
⑤	LCD	TFT LCD
⑥ Key Button		Controlling External Devices of Rapport337
	MODE Button	Mode Select (Video, Multi Meter, PTZ Control, UTP Test)
	SET Button	It is used when setup is changed
	OSD Button	It toggles OSD & POWER on/off
	FAR Button	It adjusts PTZ focus (far direction) & Video Mode Brightness
	NEAR Button	It adjusts PTZ focus (near direction) & Video Mode Brightness
	TELE Button	It zooms PTZ(zoom in) & adjusts Video Mode Contrast
	WIDE Button	It zooms PTZ(zoom out) & adjusts Video Mode Contrast
	Shift Setup Button	It shifts up, down, right, left for PTZ & for menus & others



2. Introduction of Rapport337

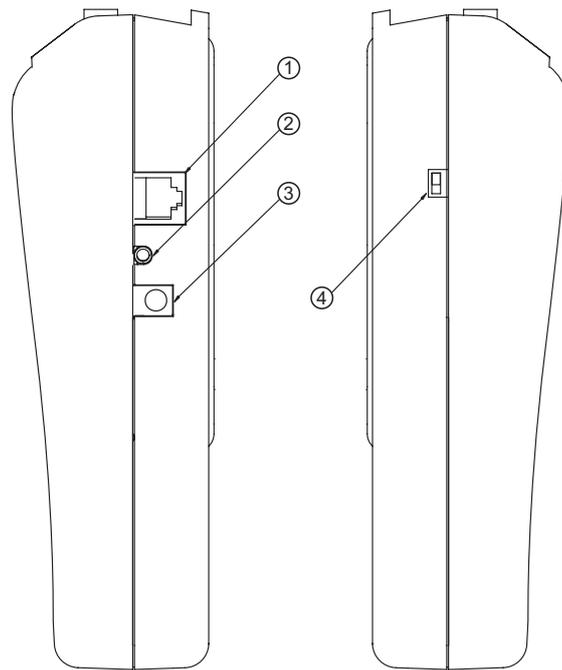
Part	Name	Function
⑦	Key Button	METER PART
	Resistance Button	It measures resistance
	Voltage Button	It measures voltage
	Setup Change Button	IT changes setup of AC/DC, resistance/continuity test
	Current Measuring Button 1	It is used for measuring lower current below 4 mA
	Current Measuring Button 2	It is used for measuring current below 400 mA
	Current Measuring Button 3	It is used for measuring current below 10A
	HOLD, HELP Button	Measuring range can be changed and holded HELP function
⑧	Test Lead Connection	Test Lead Positioning for Lead Connection
		It indicates position of Red Test Lead for measuring Voltage & Resistance
		It indicates position of Black Test Lead
		It indicates position of Red Test Lead for measuring Current below 400mA
		It indicates position of Red Test Lead for measuring Current below 10A



Part	Name	Function
①	Input BNC	It inputs external image signal
②	Output BNC	It outputs input image signal to Rapport337 or internally generated Video Test Signals
③	Communication Port	It is the port of input & output of communication signal.(Rx+, Rx-,Tx+,Tx-)
④	Base	It braces Rapport337
⑤	Safety hook Up	It hangs on the neck for safety
⑥	Safety hook Down	It hangs on the neck for safety



2. Introduction of Rapport337



Part	Name	Function
①	UTP Jack	Test jack for UTP cable
②	AUX Jack	Audio, AUX input port (function to be added when upgraded)
③	DC Power Jack	DC power input jack(for over DC12V,1A)
④	Power S/W	ON/Off main power supply



3. Specifications of Rapport337

● General Specifications

Electric Characteristic	Input Voltage	12V \pm 10%, above 1A		
	Battery	Chargeable Ni-MH battery 6EA (AA size)		
	Built-in Charger	Charging Time	Above 8 hrs	
		Operation time	More than 3 hrs	
Image	TV Type	NTSC/PAL		
	Image level	1 Vpp, 140IRE		
PTZ operation test	Protocol	Multi-Protocol support		
	Transmission speed	2400bps ~ 38400bps		
	Transmission mode	RS-422,RS-485		
UTP Cable Test	Kinds of test	direct/cross cable, and broken or short-circuit can be tested		
Size	W(88mm) X L(190mm) X T(58mm max)			



3. Specifications of Rapport337

● Meter Specifications

Measuring Item	Measured Value		Minimum Measuring	Accuracy
DC Voltage	400mV		100uV	$\pm (0.8\% + 2\text{dgts})$
	4V		1mV	$\pm (1.0\% + 2\text{dgts})$
	4V		10mV	
	400V		100mV	
AC Voltage	4V		1mV	$\pm (1.2\% + 3\text{dgts})$ (40Hz ~ 500Hz)
	40V		10mV	
	400V		100mV	
DC Current	4mV	400uA	0.2uA	$\pm (1.0\% + 2\text{dgts})$
		4mA	2uA	
	400mV	40mA	20uA	$\pm (1.5\% + 2\text{dgts})$
		400mA	200uA	
	10A	10A	2mA	$\pm (2.0\% + 3\text{dgts})$

Measuring Item	Measured Value		Minimum Measuring	Accuracy
AC Current	4mV	400uA	0.2uV	± (1.5% + 5dgts) (40Hz ~ 500Hz) 40Hz ~ 500Hz
		4mA	2uV	
	400mV	40mA	20uV	± (1.8% + 5dgts) (40Hz ~ 500Hz) 40Hz ~ 500Hz
		400mA	200uV	
	10A	10A	2mV	± (3.0% + 4dgts) 40Hz ~ 500Hz
	Resistance	400 Ω		0.1 Ω
4kΩ		1Ω	± (1.0% + 2dgts)	
40kΩ		10Ω		
400kΩ		100Ω		
4MΩ		1kΩ	± (2.0% + 4dgts)	
40MΩ		10kΩ	± (3.0% + 5dgts)	
Continuity	Beeper is activated when the resistance is below 80 Ω			
Rated fuse	250 Volt 800 mA			



4. Functional Use

● Power ON/OFF

The Power slide switch is located on the side of Rapport337.

Turn the Power slide switch on, and press  to start the Rapport337.

To turn off the system, press  more than 3 sec. Then, POWER OFF is displayed on the main screen with a beep. Release the button.

The power goes off.

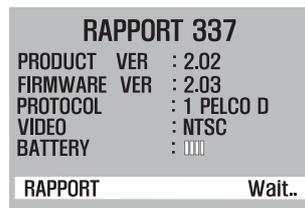
A rechargeable battery should be plugged in over 8 hrs for full charge.

The charged battery can operate for 3 hrs or so.

When the battery indicator shows below , recharge it for use.

(Full charge : )

● OSD Setup Screen when Power is on



When power is on, the setup OSD is displayed, and it enters automatically to the video test mode after 3 ~ 5 sec.

The initial OSD displays its RAPPOR337 version and the initial setup on the screen.

Product Version : 2.02

Firmware Version : 2.03

Initial Protocol : PELCO-D

TV mode : NTSC/PAL automatic setup

Battery indicator : 

RAPPOR : User's name (Name can be changed in Main menu.)

Model & software versions are subject to be changed without any further notice.

● Mode Setup

LCD Screen is changed in order of VIDEO 〰 METER 〰 PTZ 〰 UTP whenever **MODE** key is pressed once.

MODE SELECT window displays on LCD screen when **MODE** key is pressed more than 3 sec.

Press **SET** key after selecting the mode you want, using the shift setup key.

MODE SELECT	
VIDEO TESTER	
DIGITAL MULTIMETER	
PTZ CONTROLLER	VIEW INFORMATION
UTP CABLE TESTER	MAIN SETTING

Video Tester Mode :

At this mode, the image quality of the external input picture signal is tested, or the monitor, etc. is tested by using the picture signal that is output from PATTERN GENERATOR mode.

Digital Multimeter mode :

At this mode, voltage, current, & continuity are tested.

PTZ Controller mode :

At this mode, the basic movement of up, down, right, left for PTZ is made, and zooming & manual focus are adjusted.

UTP Cable Tester mode :

UTP cable, direct & cross cable, disconnection, and short circuit are tested.



4. Functional Use

View Information mode :

At this mode, the basic information of RAPPOR337 can be seen.
(version, battery residual, communications protocol, & speed.)

Main Setting mode :

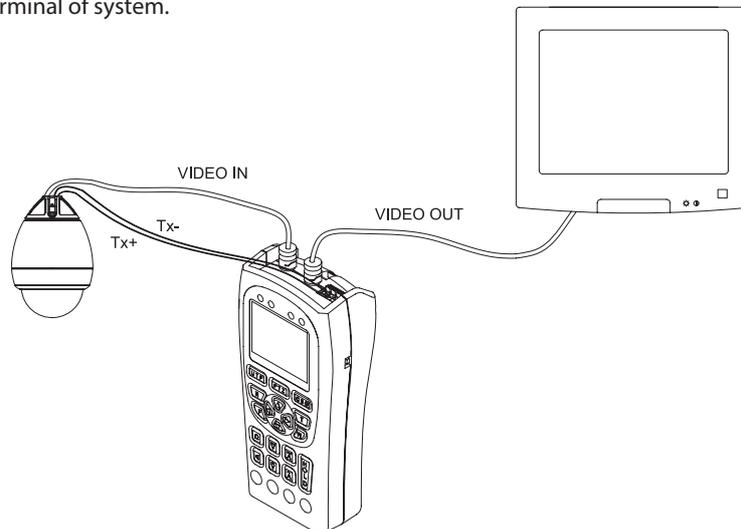
At this mode, the basic setup of RAPPOR337 can be changed.
(user's name, auto power off time, beeper, brightness, contrast, etc.)

HELP :  HELP image relevant to the mode displays when the key is pressed on for more than 2 sec. at each mode.
How to use each mode is explained at each HELP menu.

● VIDEO TESTER

Connect the output terminal of video output system to the video input BNC of RAPPOR337.

Connect the video output BNC of RAPPOR337 to the video input terminal of system.



OSD Screen Setup



VIDEO : Indicates that the system is in video test mode.

NTSC : Indicates if input or output video signal system is NTSC or PAL. Input video signal is output on LCD screen by automatic checking without a special setup key, and output video signal system in Pattern Generator mode can be switched to NTSC or PAL, using  .

B  : Indicates screen brightness, and the brightness increases gradually by +1 when  key is pressed, and decreases gradually by -1 when  key is pressed. And it returns to the initial setup value when one of the two keys is pressed for more than 3 sec.

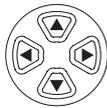
C  : Indicates screen sharpness, and the brightness increases gradually by +1 when  key is pressed, and decreases gradually by -1 when  key is pressed. And it returns to the initial setup value when one of the two keys is pressed for more than 3 sec.



4. Functional Use

Enter the PATTERN GENERATION MODE when  key is pressed in VIDEO mode.

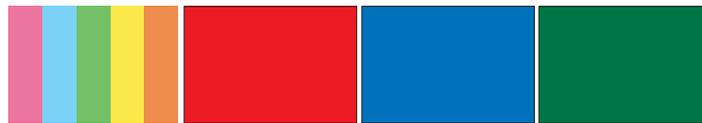
Output video system is changed to NTSC or PAL, using



 or  key.

Output pattern can be seen COLOR BAR, RED, BLUE, GREEN

or its reverse order, using



COLOR BAR

RED

BLUE

GREEN

Press  key as PATTERN GENERATION MODE returns to Video MODE.

● DIGITAL MULTI METER

Voltage, current, resistance, continuity can be tested.

WARNING

To prevent an electric shock, injury or damage to RAPPOR337, cut off the power supply of the circuit, and discharge all the high-voltage capacity before testing resistance and continuity.

When applying the meter function by using your RAPPOR337, make sure to turn on its power and set up the proper mode before connecting the test lead set to the circuit to be tested.

⌘ SETUP of KEY SELECT

First, press  button, and then press  button to be changed to OHM/BUZZ

First, press  button, and then press  button to be changed to ACV/DCV.

 This button is used to test current below 4mA.

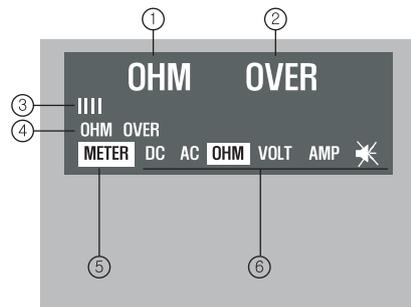
 This button is used to test current below 400mA.

 This button is used to test current below 10A.



4. Functional Use

Description of METER MODE LCD WINDOW

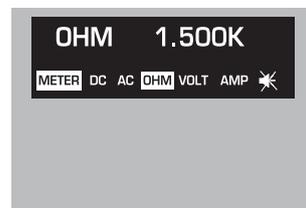
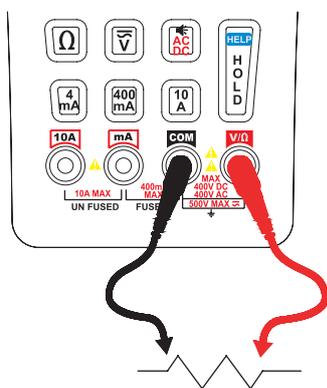


Part	Function	Description
①	Kinds of test to set up	<ul style="list-style-type: none"> - Resistance test - Continuity test - Set up tests of DC/AC voltage, current
②	Test value to display	<ul style="list-style-type: none"> - Ω unit of resistance test is indicated - Indicator of AC or DC value of voltage or current - AC voltage & current are indicated as rms (root mean square)
③	Measured value graph	<ul style="list-style-type: none"> - Input measured value is indicated in the form of graph ⌘ Graph is changed automatically equal to the measured value in automatic mode ⌘ OVER is displayed when higher value is measured than the setup value
④	Measured value in hold	The measured value is stored and indicated here, when SET key is pressed at the moment of the value measured
⑤	MODE display	Digital Multi Meter Mode is displayed

Part	Function	Description
⑥	DC	DC Voltage test
	AC	AC Voltage test
	OHM	Resistance test (Measuring unit : Ω)
	VOLT	Voltage test (Measuring unit : V)
	AMP	Current test (Measuring unit : mA, A)
		Continuity test (Starting to beep at below 80 Ω)

MEASURING RESISTANCE

The unit of resistance is Ω . The meter sends low current into the circuit so that resistance can be measured. This current runs all the paths between probes, and the measured resistance value is all values added among them.



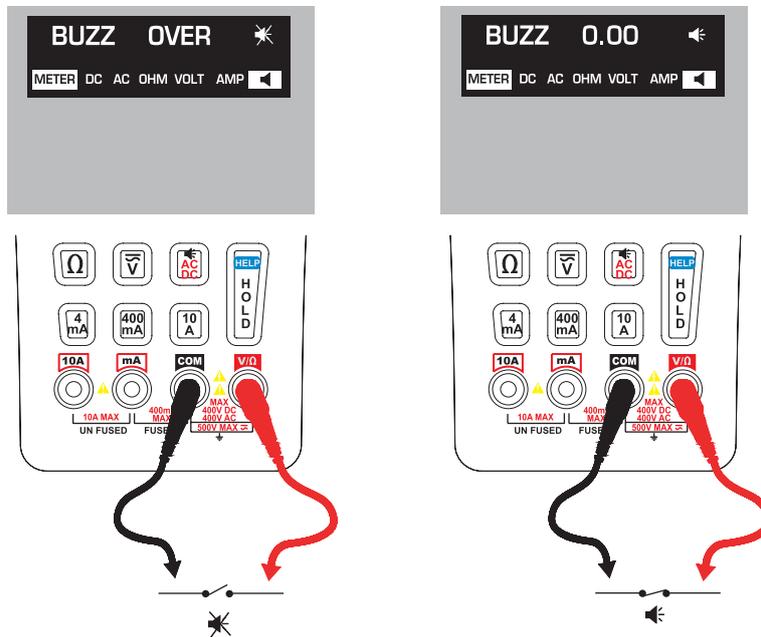
How to measure : Connect the red lead to **V/Ω** and the black lead to **COM**, as shown in the figure above at left. and measure the resistance directly at the resistance measuring mode, by pressing  on the key pad.



4. Functional Use

🔊 TESTING CONTINUITY

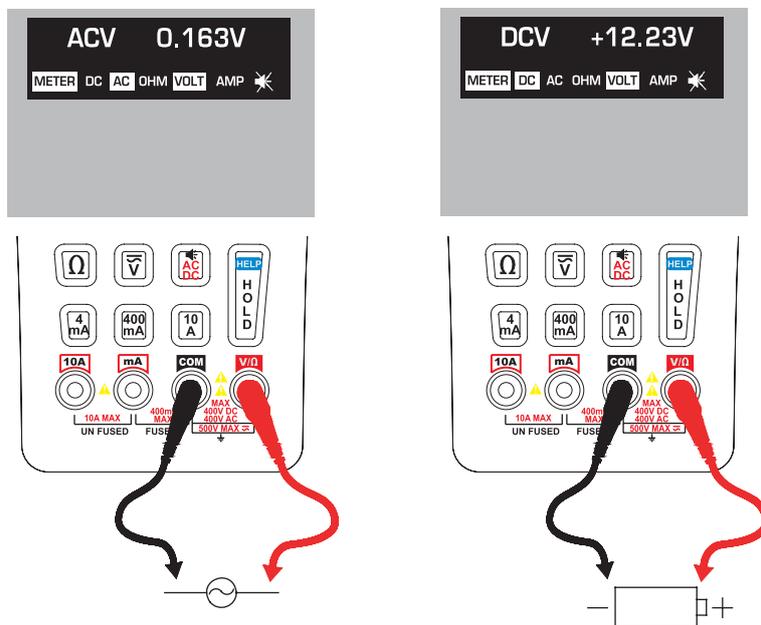
Continuity means the presence of a complete path for current to flow. And the continuity test features a beep that sounds when a circuit is complete. The beep allows users to quickly test continuity without having to watch the display.



How to test : The resistance mode returns to the continuity mode, when  is pressed. The beeper is activated when the resistance between the red probe and black probe is below 80 Ω .

MEASURING AC & DC VOLTAGE

Voltage means the difference in electrical potential between two points. The polarity of AC voltage varies over time, while the polarity of DC is constant over time. The meter displays ac voltage values as rms (root mean square) readings. The rms value means the equivalent dc voltage that can produce the same amount of heat in a resistance as the measured sinewave voltage.



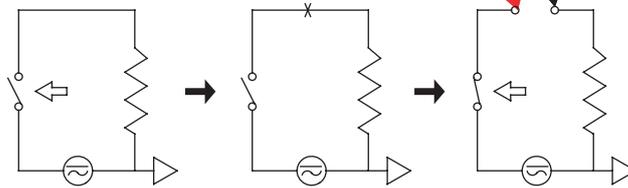
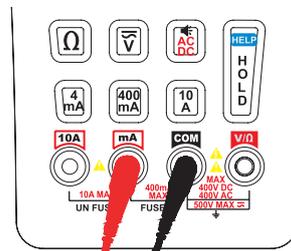
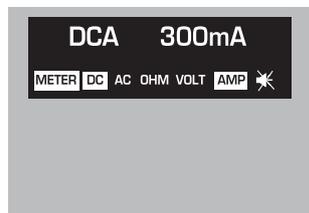
How to measure : First, press  the voltage measuring button, and then select AC or DC by pressing . In case of DC to be measured, place the red lead on + point, and the black lead on - point, each on the voltage source .



4. Functional Use

MEASURING AC & DC CURRENT

Current is simply defined as a flow of electrons running through a conductor. To measure current, you must break the circuit under test, and then place the meter in series with the circuit. The current measuring range of the meter is 10A max.



How to measure : First, turn off the power of the circuit, and, discharge the high voltage capacitor. Fix the red lead into the terminals of mA and 10A in accordance with the value to be measured. Select one of the buttons

4 mA **400 mA** & **10 A**. When **4 mA** & **400 mA** are selected, place the red lead on mA, and When **10 A** button is selected, place the red lead on 10A.

 **WARNING**

Check for the location of the test lead set at current test mode. Place the red lead at mA only for below 400mA, and place it at 10A when the value to be tested is over 400mA, or the value is unknown.

 **WARNING**

Use it only for the current measuring after checking for the test mode. Especially, after the current mode is selected, there may occur burnout of fuses, damage, or breakdown of the system when the voltage is measured.

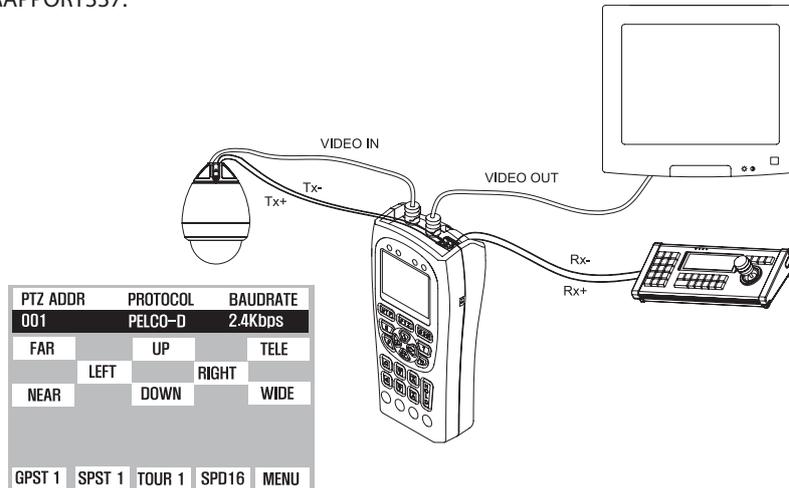


4. Functional Use

● PTZ CONTROLLER

How to connect each terminal and LCD screen

PTZ Operation Test : The basic operation of PTZ : Up, Down, Left, Right, and Zoom, and Manual focus controlling are possible, also. The test of various protocols and transmission speed are possible. In order to control PTZ, connect the PTZ communications cables to TX terminal of RAPPOR337.



- PTZ Control Setup Screen

PTZ ADDR	PROTOCOL	BAUDRATE
001	PELCO-D	2.4Kbps
GPST 1	SPST 1	TOUR 1
SPD16	MENU	

PTZ ADDR	PROTOCOL	BAUDRATE
001	PELCO-D	2.4Kbps
	PELCO-P	4.8Kbps
	WONWOO	9.6Kbps
	SPD-2500	19.2Kbps
	SCC-643	38.4Kbps
	SJ-100	
	SJ-1000	
GPST 1	SPST 1	TOUR 1
SPD16	MENU	

PTZ ADDR	PROTOCOL	BAUDRATE
001	PELCO-D	2.4Kbps
		4.8Kbps
		9.6Kbps
		19.2Kbps
		38.4Kbps
GPST 1	SPST 1	TOUR 1
SPD16	MENU	

ADD Setup Screen

Protocol Setup Screen

Communications Speed
Setup Screen

- Key Board Control Code Screen

PTZ ADDR	PROTOCOL				BAUDRATE
001	PELCO-D				2.4Kbps
FAR		UP			TELE
	LEFT		RIGHT		
NEAR		DOWN			WIDE
FF 01 08 04 3F 3F 8B					
FF 01 08 04 3F 3F 8B					
FF 01 08 04 3F 3F 8B					
FF 01 08 00 00 00 09					
GPST 1	SPST 1	TOUR 1	SPD16		MENU

- The controlling code of protocol from the key board or DVR is displayed on the screen.

Most important, however, is that the communications speed should be of one accord.

When you want to know the input signal of an exterior controller, you can see the input data by connecting the communications cable to the RX terminal of the Rapport 337.

✎ How To Control PTZ

PTZ functions (controlling Up, Down, Left, Right), etc. are possible to be tested, by using buttons : FAR/NEAR(FOCUS ADJUSTING), TELE/WIDE(ZOOM ADJUSTING), and SHIFT SETUP.

✎ FUNCTION SETUP of PTZ

 By using the SHIFT SETUP key, adjust GPST / SPST / TOUR / SPD / MENU displayed on the lower part of LCD screen by pressing SET key once shortly.

GPST : It moves the camera view to the designated preset location. Setup can be from 1 up to 99. (short for GO TO PRESET).

When the cursor runs to GPST position after  pressed, select the previously memorized PRESET number, using number, using  &  keys. When the selection is completed, press  key one more time, it moves to the memorized location.



4. Functional Use

- SPST :** It memorizes PRESET. Setup can range from 1 up to 99. (short for SET PRESET).
First, move the camera to the view to be designated , and press  key, and using   keys, place the cursor at the location of SPST. Then, set up the address that you want to memorize by using   keys, and then, press  one more time. The information of location is stored in SPST adress.
- TOUR :** It operates TOUR set up at SPST and MENU. Setup can be from 1 up to 99. TOUR can be designated in the MENU of PTZ.
- SPD :** Place the cursor at the location of SPD, applying the procedures described above. Total 16 steps(from 1 to 16) of speed are available to be selected using   keys.
- MENU :** Place the cursor at the location of MENU, applying the procedures described above. The MENU of PTZ itself is available to be displayed on LCD screen. using .

CAUTION

-  Make sure to check for communications protocol, transmission speed, and ID.

CONTROL SETUP of PTZ

PTZ ADDR is activated on the upper part on LCD screen, when **SET** key is pressed more than 3 sec, and, the activated menu can be changed to ROTOCOL,BAUDRATE by pressing  &  keys.

PTZ ADDR :Setup of PTZ ID.

The initial setup is made 001, and changing ID of PTZ is done by pressing  &  keys. The setup is available up to 255 max.

PTZ ADDR	PROTOCOL	BAUDRATE
001	PELCO-D	2.4Kbps

PROTOCOL :Setup of PTZ PROTOCOL

The initial setup made PELCO-D, and changing to PELCO-D, PELCO-P, and WONWOO are available, in accordance with the protocol mode of PTZ. It is done by pressing  &  keys.

PTZ ADDR	PROTOCOL	BAUDRATE
001	PELCO-D PELCO-P WONWOO	2.4Kbps



4. Functional Use

* BAUDRATE : Setup of TRANSMISSION SPEED

The initial setup is 2.4KBps, it can be made up to 2.4Kbps

~ 38.4Kbps. It is done by pressing  &  keys.

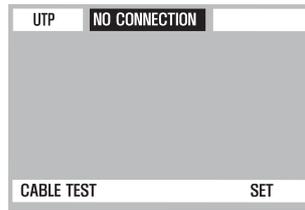
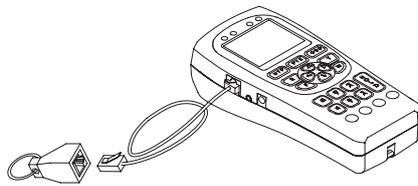
PTZ ADDR	PROTOCOL	BAUDRATE
001	PELCO-D	2.4Kbps 4.8Kbps 9.6Kbps 19.2Kbps 38.4Kbps

To escape from PTZ CONTROL SETUP Mode, simply, press the  key again.

CAUTION

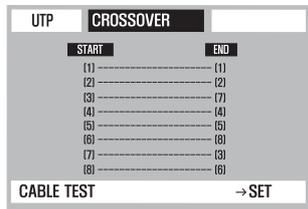
Make sure to check for CAMERA ID, PROTOCOL, BAUDRATE when the test is carried. PTZ operation test can not be done when the setup is different.

◎ UTP CABLE TESTER

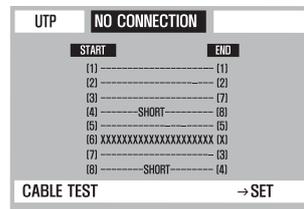


☞ Connect UTP cable to be tested to UTP port of RAPPOR337, while connect the other end to UTP tester.

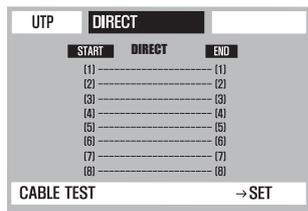
The connected condition of the cable can be checked, by pressing  key, after the connection is completed. Direct cable and cross cable can be classified, and disconnection or short-circuit can be also examined.



Cross cable



Short-circuit & Disconnection



Direct cable



4. Functional Use

● VIEW INFORMATION

Mode Setup : First, press **MODE** key more than 3 sec. and select VIEW INFORMATION on MODE SELECT MENU, then press **SET** key.

MODE SELECT	
VIDEO TESTER	
DIGITAL MULTIMETER	
PTZ CONTROLLER	VIEW INFORMATION
UTP CABLE TESTER	MAIN SETTING

VIEW INFORMATION	
SYSTEM	
SYSTEM NAME	: RAPPOR 337
PRODUCT VER	: 2.02
FIRMWARE VER	: 2.03
BATTERY	: ████
COMMUNICATION	
PROTOCOL	: PELCO-D
BAUD RATE	: 2.4Kbps
* EXIT → PRESS KEY	

● MAIN SETTING

Mode Setup : First, press **MODE** key more than 3 sec. and select MAIN SETTING on MODE SELECT MENU, then press **SET** key.

MODE SELECT	
VIDEO TESTER	
DIGITAL MULTIMETER	
PTZ CONTROLLER	VIEW INFORMATION
UTP CABLE TESTER	MAIN SETTING

쥘

MAIN SETTING	
USER NAME	RAPPOR 337
SLEEP TIME	OFF
BUZZER	ON
BRIGHT	████ 4
CONTRAST	████ 5
AUDIO VOLUME	MUTE
SAVE/EXIT → SET EXIT → OSD	

Select the item by pressing & keys. The each setup value can be changed by pressing & keys.

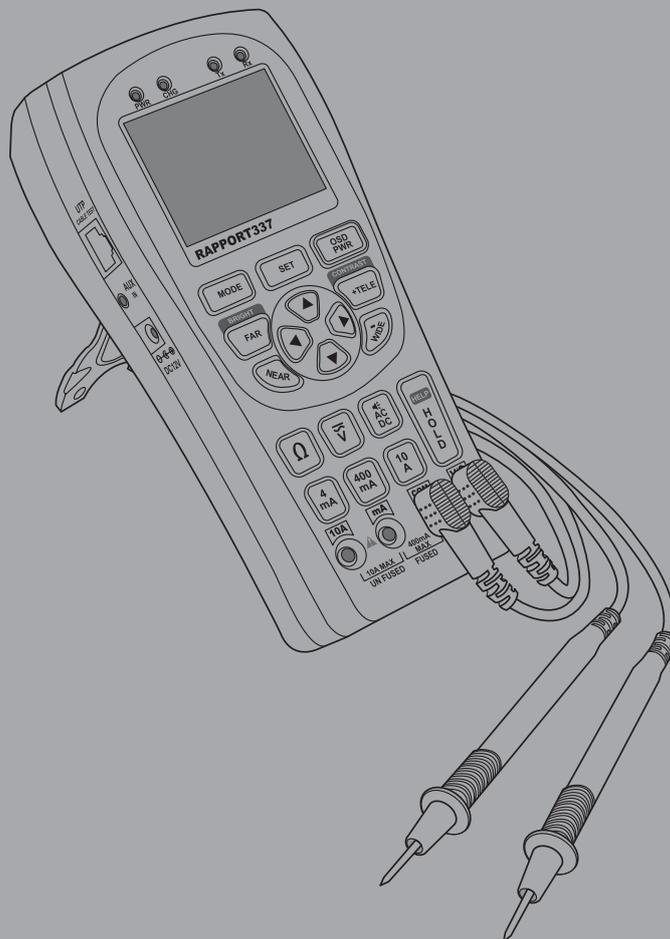
A user can put the name he or she wants at USER NAME by editing.
At SLEEP TIME, power goss OFF automatically, if the button is not pushed down for a fixed time.

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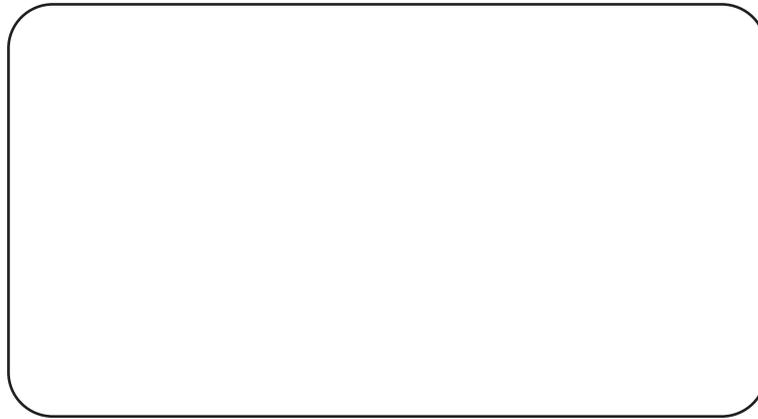
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Rapport 337

User's Manual



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Before Reading the User Manual

WARNING

Make sure to read through "Safety Information" before using Rapport337.

This basic instruction manual is for users of Rapport337. Starting with the outline of Rapport337, the manual is emphasized on the explanations of its operation, how to be connected to the other devices, how to use every button, and how to set up the system.

It is highly recommended, for those who have handled similar devices as well as for those who are using it for the first time, to read every description line by line, especially cautions, before using the Rapport 337.

And when there is any question when in use or there is any damage, make sure to contact the dealer of your Rapport337.

In the 1st Chapter "Safety Information", warnings and precautions are explained for the safety of users when Rapport337 is in use.

In the 2nd Chapter "Introduction of Rapport337", its features and appearance are explained.

In the 3rd Chapter "Specifications of Rapport337", the specification of the rapport337 components are explained.

In the 4th Chapter "Functional Use", the functions of Rapport337 are explained so that the users can use it conveniently.