

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

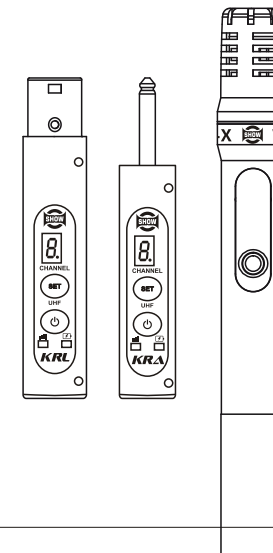
RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



THE UNIVERSE OF INSTALLATION

PLL UHF CREATIVE PEN-SHAPE MICROPHONE SYSTEM User's Manual

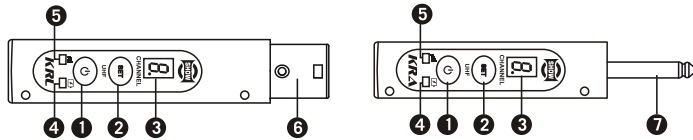


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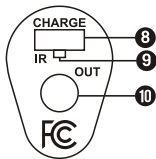


- ① "POWER" Button: Press and hold it for 3 seconds to power on/off the unit. Short press it to adjust the volume. The volume will increase 10dB each time you press with "1" to "5" cycle display. The selected sound level shown on LED display will be represented with "number (1-5)+ decimal point".
- ② "SET" Button Operation
 - a. Turn on the unit and short press "SET" Button to select the channel you like, the unit has total 16 channels which are represented by numbers "0-9" and the letters "A-P" separately, The channel numbers displayed will increase each time when you short press the button.
 - b. Turn on the unit and press and hold "SET" button for 3 seconds, it will enter pair mode with the channel number displayed flashing. Simultaneously the "READY" indicator below will flash green. But once it pairs with transmitter successfully, "READY" indicator will stop flashing and light solid green,
 - c. Turn on the unit and press and hold "SET" button for 6 seconds, the unit will automatically scan full-range frequency and select the cleanest channel, the channel number will flash and the unit will enter pairing mode when it find the cleanest one. The same as above the "READY" indicator will light solid green once it pairs with transmitter successfully.

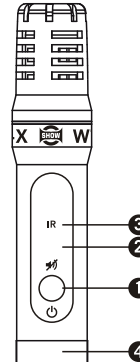
- ③ LED display: to show channel number or volume level selected.
- ④ Charging indicator: lighting red for charging and green for full charging.
- ⑤ Ready indicator : to show different status based on LED color.

flash green	TX&RX unpaired
light green	TX&RX paired
light red	low battery power

- ⑥ KRL output plug- as XLR plug to be inserted into your video camera or audio advice directly.
- ⑦ KRA output plug- as 1/4"(6.3 mm) plug to be inserted into your video camera or audio advice directly.



- ⑧ USB charge port- Insert one USB cable with an AC adaptor to connect with your unit(KRL or KRA) for recharging.
- ⑨ IR Transmitter-The port can transfer current channel data to transmitter by infrared transmission in order to channelize the transmitter finally.
- ⑩ Output Jack-Use this 1/8"(3.5mm) locking mini-phone jack to connect with your video camera or audio advice. .



- ① Power/Mute button: Press and hold for 3 seconds to turn the unit on or off, the indicator will light red firstly and change to light green after about 5 seconds. It enter normal operation mode.
- ② Status indicator: A quick press and release will mute or un-mute the transmitter when the transmitter is on. It will light red for mute and green for un-mute.
- ③ IR LENS: This window is used to capture the infrared signal sent from receiver KRL/KRA, During the IR SET to channelize the transmitter, the IR LENS must face towards the receiver to load the selected channel.
- ④ Battery cover-Insert one standard AA (1.5V) battery here, Being sure the plus and minus polarity marking of battery are facing correctly. Although rechargeable NI-CAD battery can be used too, but the unit can't obtain adequate power to keep working for more than 4 hours. Warning: don't insert the battery backwards, Or it maybe cause severe damage to your WT-X and will void your warranty.

***How to pair your receiver and transmitter**

Power on your receiver "KRA or KRL", then select the channel you like or scan the cleanest channel automatically according to above steps, Then quick the "SET" button and release it to enter pair mode. Power on your WT-X, Then place the IR port of KRA/KRL to face towards the IR lens of transmitter WT-X within 20cm distances. Once TX and RX are paired successfully, the "READY" indicator on KRA/KRL will light solid green.

KRL SPECIFICATIONS:

MODEL	KRL/KRA
Channel	Mult-Channel , up to 16 frequency presets for each frequency bands
Frequency band	UHF470~494,542~566,823~832, 863~865MHZ Dependent on applicable country regulations
Receiver Type	PLL UHF SYNTHESIZED
Frequency response	100 Hz-12KHz (± 3dB)
Frequency stability	± 0.005% (-10 ~ 50 ℃)
T.H.D.	1KHz <0.8%
Modulation mode	FM (F3E)
Signal to Noise	>90dB
Dynamic Range	>95dB
RF sensitivity	-100dBm/12dB SINAD
Audio Output Level	+6dBu
Output Connector	KRL(XLR/1/8") KRA(ø 6.3/1/8")
Operating Voltage	3.7V
Current Consumption	85mA
Power	Internal rechargeable lithium-ion battery
Battery Life	4~5 hours
Chargier Voltage	5V DC 500mA
Dimensions(LxWxH)	114x22x23mm
Weight	53g

WT-X SPECIFICATIONS:

MODEL	WT-X
Channel	Mult-Channel , up to 16 frequency presets for each frequency bands
Frequency band	UHF470~494,542~566,823~832, 863~865MHZ Dependent on applicable country regulations
Frequency response	100 Hz-12KHz (± 3dB)
Oscillation mode	PLL UHF SYNTHESIZED
Frequency stability	± 0.005% (-10 ~ 50 ℃)
T.H.D.	1KHz <0.8%
Modulation mode	FM (F3E)
Signal to Noise	>90dB
Dynamic Range	>95dB
RF output power	10mW
Microphone Element	Capacitive
Tone Key Frequency	30KHz
Power Requirements	AA (LR6) 1.5V
Battery Life	4 hours
Dimensions(LxWxH)	ø 20x150mm
Weight	33g