

900MHz DSSS DIGITAL Transmitter/Docking

MODEL : TDSS900

USA VERSION

User's Manual

FCC NOTICE

*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 UNDERSIRED PERATION.*

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 communication. 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.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

WARNING : The antenna must be installed a manner that ensures a minimum separation of 20Cm between the antenna and human beings.

✓ **IMPORTANT SAFETY INSTRUCTIONS**

When using your telephone equipment, basis safety precautions should always be followed to reduce the risk of life electric shock, and injury to persons, including the following.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bathtub, washbowl, kitchen sink, or Laundry tub in a wet Basement or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provide for ventilation, to protect it from overheating. These openings should never be blocked or covered. The opening should never should never be placed near or over a radiator or heat register. This product should not be placed in a built in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a of fire or electric shock.
Never spill liquid of any kind on the product.
11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service contractor when some service or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally by following the operating instruction. Adjust only those control that are covered by the operating instructions. Improper adjustments of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinctive change in performance.
13. Avoid using a TRANSMITTER (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
14. Do not use the TRANSMITTER to report a gas leak in the vicinity of the leak.

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✓ SAFETY INFORMATION FOR TDSS-900H & TDSS-900B

Your TRANSMITTER contains a low power transmitter.

When the Push-to Talk button is pushed it sends out radio frequency (RF) signals.

This device is authorized to operate at a duty factor not to exceed 50% in DECEMBER 2004 the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices.

CAUTION : To maintain compliance with the FCC' RF exposure guidelines, hold the transmitter and antenna at least 0.5 inches (1.25 centimeters) from your face, with the antenna pointed up and away from the face, if you wear the headset on your body while using the headset accessory, use only the manufacturers supplied belt clip for this product and ensure that the antenna is at least 1 inch (2,5centimeters) from your body when transmitting.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

This phone (device) has an output power of max 10mW, which no warning statements required.

Now this phone (device) designed to be hold transmitter and antenna at least 0.5inches from your Face. Therefore this phone (device) satisfies RF exposure compliance.

✓IMPORTANT

Read this manual before attempting to setup or use this instrument. If contains important Information regarding safe installation and use. Keep this manual for future reference.

Also save the carton, packing and proof of purchase to simplify and accelerate any needed action.

✓WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of moisture.

If accidentally dropped into water, this product should immediately by unplugged from the AC outlet jack.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.

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□ *INSTALLATION PRECAUTION*

1. Never install docking station wiring during a lighting storm.
2. Never install power jacks in wet locations unless the jack is specially designed for wet locations.
3. Never touch insulated power terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

□ *MAINTENANCE*

1. Use a damp cloth to the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.
2. Your phone should be situated away from heat sources such as radiators, heater, stoves or Any other appliance that produces heat.

□ *CAUTION*

To reduce the risk of fire or injure to persons, read and follow these instructions:

1. Use only the following type and the size battery : Li-Ion 2000mAh 3.7V battery
2. Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery. Released electrolyte is corrosive and may be toxic if swallowed.
4. Exercise care in handling in order not to short the battery with conducting material such as rings, bracelets and keys. The battery or conductor may overheat and cause burns
5. Recharge only the battery type that is provided with or identified for use with this product. If a different type of battery is used, it may leak or explode.
6. Do not attempt to rejuvenate the battery provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur, causing burns or irritation to eyes or skin.
7. When inserting the battery into this product, the proper polarity or direction must be observed. Reverse insertion of battery may result in leakage or explosion.
8. Remove the battery from this product if the product will not be used for a long period of time (several months or more) since during this time they could leak in the product.
9. Discard the "dead" battery as soon as possible since "dead" battery are more likely to leak in a product.
10. Do not store this product, or the battery provided with or identified for use with this product, in high-temperature areas. Battery that are stored in a freezer or refrigerator for the purpose of extending shelf life should be stabilized at room temperature prior to use after cold storage.
11. Always disconnect all telephone line cords from the wall modular jacks before installing or replacing the battery.

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□ CARTON CONTENTS

TDSS-900H and TDSS-900B
User's Manual, Warranty and Safety Information
Li-Ion 2000mAh 3.7V battery
Warranty card

WIRELESS TRANSCEIVER SYSTEM

TDSS-900 User's Guide



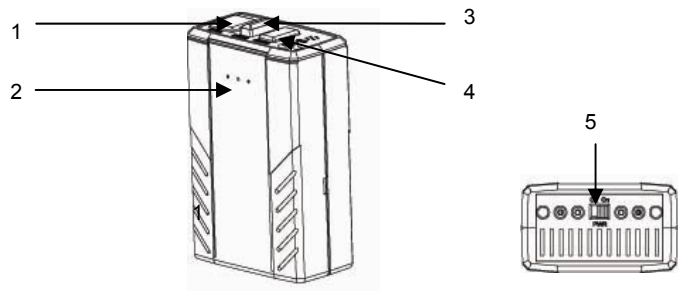
900MHz Series

- Read this user's guide carefully for safe operation and proper use of the product .
- Features and specifications are subject to change without notification.

INSTALLATION

- Connect the battery pack to TX Set and switch the power ON (**located on the bottom of TX unit**)
- Install the bracket by using the screws
- Connect the antenna to the RX Set
- Slide RX Set onto the Bracket
- Connect the RJ-45 cable to RX Set
- Prior to use, charge the unit by placing TX set in the RX set for at least for 5 hours
- **Place TX in RX to match ID**
- Connect the microphone to TX set
- Once TX and RX matching ID is done and TX leaves from RX, **Transmitter always set to talk with Docking and are able to send the Audio signal anytime.**

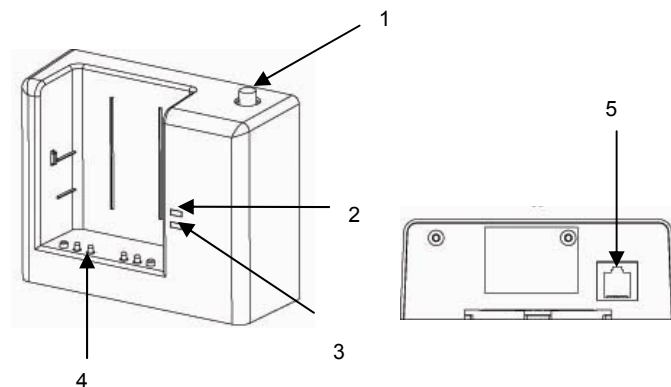
OPERATION (TX)



1	Rec ON/OFF	*	Internal MIC
2	BEEP	*	Microphone Jack
3	MODE		
4	MUTE ON/FF		
5	Internal MIC		

1. Rec On/OFF: **Talk ON – BLUE LED Rec on Blinking**
 Out Of Range – RED LED Fast Flickering
 Low Battery – RED LED Slow Flickering
2. Beep: Beep Tone
3. Mode: Beep > Vibration > Beep + Vibration > NO action
 Every time you push the button, mode will be automatically changed in order. (This Function operate only at St-by mode)
 * Rec On/Off, Out of range, Low battery
4. Mute On/Off:
 When user want to mute the voice in the Communication.
 Press the button to mute and Press the button again to unmute.
5. Power On/Off: Turn on/off the power of unit. When this is turned off, Unit will not work.
 * Internal MIC is built in.
 * Microphone Jack

OPERATION (Cradle)



1	Antenna connection		
2	Recording ON/OFF ID Matching		
3	Battery Charging Status		
4	Charging PIN		
5	RJ-45 Jack		

1. Antenna Connection:
2. **Rec On/Off BLUE LED :**
 - **Green LED : Recording on / OFF**
3. Battery Status and Communication Status
 - RED LED: Battery Charging
 - Flickering Green LED: Communication On/Off
 - Green LED: Battery is fully charged
5. RJ45 Jack for the cable

PIN DESCRIPTION

RJ-45 Connector Pin Description

Pin# 1: VCC, DC power (10V ~ 16VDC)

Pin# 2: GND

Pin# 3: Audio Signal

Pin# 4: Audio Signal GND

Pin# 5: GND

Pin# 6: None

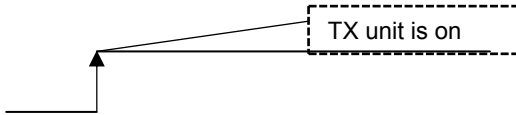


Pin# 7 : 0V when TX is off, 5V when TX is On.

Use this pin for recording trigger (Recording Trigger)

Normal "H" 5.0V

0V



Pin# 8 : No action