

***900MHz DIGITAL SPREAD SPECTRUM T/R
MODEL : MV-VLP-TR-P,MV-VLP-DS-P***

User's Manual

(IMPORTANT SAFETY INSTRUCTIONS & FCC NOTICE)

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

✓ 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*

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

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.

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

✓ SAFETY INFORMATION FOR MV-VLP-TR-P & MV-VLP-DS-P

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's 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 handset 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 32mW, which no warning statements required. Now this phone (device) designed to be hold transmitter and antenna at least 0.5inchs from your Face. Therefore this phone (device) satisfies RF exposure compliance.

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

√ IMPORTANT

Read this manual before attempting to setup or use this instrument. It 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 be 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.

☞ INSTALLATION PRECAUTION

- 1. Never install docking station wiring during a lightning 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 injury to persons, read and follow these instructions:

- 1. Use only the following type and the size battery :
1200mAh, 3.6V (Li-Polymer 1200mAh/3.6V, or equivalent)*
- 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*

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

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 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.*

CARTON CONTENTS

MV-VLP-TR-P and MV-VLP-DS-P AND MIC units

User's Manual, Warranty and Safety Information

Li-Polymer 1200mAh 3.6V battery

Warranty card

DIGITAL SPREAD SPECTRUM TECHNOLOGY

The MV-VLP-TR-P & MV-VLP-DS-P features digital Spread Spectrum Technology (DSST) which virtually eliminates noise and other interference while greatly increasing operating range. DSST uniformly spreads the signal over one of 20 independent frequency ranges, or channels, for maximum range and clarity.

The Base Unit and Handset share a pre-assigned digital code which interfering signals do not have, so any Noise gets filtered out and the user enjoys reliable, crystal-clear sound quality.

SPREAD SPECTRUM TECHNOLOGY ADVANTAGES

Smart Channel Hopping - During operation, MV-VLP-TR-P & MV-VLP-DS-P constantly monitors the transmission for interference. If interference is detected, the phone automatically scans for and hops to the next clear channel. This hopping is instant and does not interrupt normal conversation.

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

Maximum Security - The security code is changed every, selected from one of 2^{24} million different codes making interception virtually impossible.

3 Level Power Output - The MV-VLP-TR-P & MV-VLP-DS-P constantly monitors the strength of the signal from the TRANSMITTER to the DOCKING STATION, selecting one of three transmission power levels for maximum range and extended battery life.

INSTALLATION

HOW to Install the Li-polymer Battery

1. Remove the battery compartment cover of the transmitter by sliding it down.
2. Connect the battery plug along the slot into the transmitter's battery connector.
3. Insert the Li-polymer battery pack into the battery compartment by sliding it up.

NOTE : The Li-polymer battery must be fully charged at least 7 hours before initial use.

Please refer to the "Charging the Battery (Full Charge)" section.

POWER CONNECTION

CAUTION : You must use a 120Volt AC/9-12Volt DC adaptor that delivers at least 300-500mA for charger.

The plug must correctly fit the machine's DC 12V jack.

1. Plug the AC Adaptor into a standard AC outlet.
2. Plug the adaptor plug into the DC 12V jack on the rear of the docking station.

CHARGING THE BATTERY (FULL CHARGE)

1. Once the docking station has power connection, place the transmitter in its cradle on the docking station.
2. Leave the transmitter on the cradle for at least 7 hours for a full charge.

NOTE : The Li-polymer battery is continuously charged when the transmitter is on the cradle of the docking station.

PREPARING FOR INITIAL USE

1. Setting the Battery on transmitter.
2. Ensure that the Li-polymer battery is installed and fully charged before initial use.
3. Check line and power connections.
4. Push the transmitter TALK button to confirm. If you do not get a LED display, please refer to the Troubleshooting chart.

OPERATION

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

To Start a record (TALK MODE)

- 1. Press TALK button on the transmitter. The IN-USE indicator will light up solid when it finds a clear channel.*
- 2. Check the recording indicator (after the recorder is working).*

To End a record (Standby Mode)

If you picked up the transmitter from the docking station:

- ◆ Since the MV-VLP-TR-P & MV-VLP-DS-P features "Auto-Standby," simply return the transmitter to the docking station to end the record. The MV-VLP-TR-P & MV-VLP-DS-P will automatically go to standby mode.*

If you picked up the transmitter away from the docking station:

- ◆ Press the TALK button to end the record if you were away from the docking station when you picked up the record. The MV-VLP-TR-P & MV-VLP-DS-P will go to standby mode.*

TROUBLE SHOOTING

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

SYMTPOM	SOLUTION
<i>No recording sign</i>	<ul style="list-style-type: none">◆ Check for the line cord connectors at both ends that they are pushed in firmly until they click.(docking & recorder)◆ If you had a power failure or had unplugged the docking station, replace the transmitter on the docking station for two to five seconds to reset the system.
<i>No power on the transmitter unit</i>	<ul style="list-style-type: none">◆ Check the Li-polymer battery pack connection inside the battery compartment on the transmitter.◆ The transmitter rechargeable Li-polymer battery pack may need to be charged.
<i>Does not charge</i>	<ul style="list-style-type: none">◆ Make sure the charging contacts on both the docking station and the transmitter are in contact during charging.◆ The charging contacts may need to be cleaned with an alcohol-moistened cloth.◆ The Li-polymer battery pack may need to be discharged first before a full charge.
<i>Range is limited</i>	<ul style="list-style-type: none">◆ Raise or reposition the antenna on the docking station.
<i>Sign received flutters or fades</i>	<ul style="list-style-type: none">◆ The transmitter rechargeable Li-polymer battery pack may need charging.◆ You may be out of normal operating range. Move closer to the docking station.

FCC NOTICE

900MHz DIGITAL SPREAD SPECTRUM T/R

MODEL : MV-VLP-TR-P,MV-VLP-DS-P

*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 of 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.*