

# User Manual for Microphone Transmitter-VHF-30BP

## LICENSING REQUIREMENTS

This equipment complies with Part 74 of the FCC Rules.

A license is required for operation subjective device will be issued only to the following:

- (1) A licensed of an AM, FM, TV or international broadcast station or low power TV station, Low power auxiliary stations will be licensed for used with a specific broadcast or low power TV station or combination of stations licensed to the same licensee with the same community.
- (2) A broadcast network entity.
- (3) A cable television system operator who operates a cable system that produces program material for origination or access cable casting as defined in 76.5(r)
- (4) Motion picture producers as defined in 74.801
- (5) Television program producers as defined in 74.801
- (6) Licensees an conditional licensee of stations in the multipoint distribution service as defined in 21.2 of this chapter, or entities that hold an executed lease agreement with an MDS or MMDS licensee or conditional licensee or with an Instructional Television Fixed service licensee or permitted.

### CAUTION:

Any changes of modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

The FCC requires that the following statement be included in this manual:

This device complied with FCC radiation exposure limits as set forth for an uncontrolled environment. This device should be installed and operated so that its antenna(s) are not co-located or operating in conjunction with any other antenna or transmitter

## FCC ID: PVDVHF-30BP

The device are type accepted under FCC rules part 90, 74 and 15. 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.



## Functions:

- ① Belt Pack Power ON/OFF
- ② Headset/Lavalier MIC sensitivity (HI/LO) switch
- ③ Power on / Battery Low dual mode LED
- ④ MUTE ON/OFF Switch
- ⑤ Screw in 1/8" (3.5mm) Mini plug (Jack)
- ⑥ Belt clip

## HEADSET/ LAVALIER COMBO FEATURES

- Convertible lightweight headset
- Detachable lavalier microphone
- Foam wind and pop control inserts

## BELT PACK TRANSMITTER FEATURES

- Audio mute switch
- Power on / Battery Low dual mode LED
- Headset/Lavalier MIC sensitivity (HI/LO) switch

## HEADSET/LAVALIER COMBO AND TRANSMITTER OPERATION

1. Open the battery door by sliding towards the arrow. Insert a 9V battery into the battery holder according to the polarity indication marked on the battery housing. Close the battery door.
2. Push the power switch to the **ON** position. The **POWER** indicator should flash once briefly as you turn on the mic indicating that the pack has sufficient power. If the **POWER** stays on, it indicates that the battery has insufficient power and should be changed. If the **POWER** does not light at all, it indicates the battery is dead and you should change the battery. If the microphone is not going to be used for any length of time, push the power switch to **OFF** and remove the battery. Do not switch the mic on and off rapidly, because you won't get a true indication from the **POWER** indicator.
3. Push the audio mute switch to the **ON** position.
4. To use headset/lavalier combo as headset MIC, push headset/lavalier MIC switch to **LO**. To use headset/lavalier combo as lavalier MIC, push headset/lavalier MIC switch to **HI**.

### TRANSMITTER (ALL MODELS):

RF Power Output.....	10mW (max)
Spurious Emission.....	More than 50dB below carrier frequency
Frequency Stability.....	±0.005% with quartz control
AF Response.....	50Hz to 20KHz, 1KHz (±3dB)
Battery Type.....	9 Volt Alkaline
Battery Life.....	6-8 hours

## Introduction:

Congratulations on your purchasing a Gemini wireless system. This system includes the latest features and is backed by a one year limited warranty. Prior to use we suggest that you carefully read all the instructions.

## Cautions:

1. All operating instructions should be read before using this equipment.
2. To reduce risk of electrical shock, do not open the unit. There are NO USER OR SERVICABLE PARTS INSIDE. Please refer servicing to a qualified service technician.
3. Do not expose this unit to direct sunlight or a heat source such as a radiator or stove.
4. Dust, dirt and debris can interfere with the performance of this unit. Make an effort to keep the unit away from dusty, dirty environments, and cover the unit when it is not in use. Dust it regularly with a soft clean brush.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
7. DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES.

## Note:

This equipment has been tested and found to comply with the limits set forth under part 15 and 74 of FCC rules.

This equipment operates at a frequency that has been authorized by the FCC. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, try one or more of the following suggestions:

1. Repoint or relocate the receiving antenna.
2. Plug the equipment into a socket or a different circuit.
3. Call your dealer to arrange to exchange the unit for one with a different frequency.

**Remember, any changes made to the unit without authorization from Gemini will void your warranty.**