Thank you for purchasing the SM-20 DESKTOP MICROPHONE.

The SM-20 is a unidirectional, electret microphone designed for base station operation with an Icom transceiver.

The SM-20 cannot be used with a non-Icom transceiver since the power is supplied from the connected transceiver.

1. FREQUENCY UP/DOWN SWITCHES [UP] / [DOWN]
   Change the frequency up or down. Some transceivers do not have this function.

2. PTT SWITCH
   Push to transmit, then release to receive.

3. PTT LOCK SWITCH [LOCK]
   Push IN to transmit continuously, then push OUT to receive.

4. MIC GAIN CONTROL [MIC GAIN]
   Varies microphone output level. Use this control when the connected transceiver has no mic gain controls.
   
   NOTE: Rotating the control too far clockwise may result in overmodulation and transmit signal distortion.

5. LOW CUT SWITCH [LOW CUT]
   Cuts out low-frequency components of input voice signals.

- MICROPHONE PIN CONNECTION

   The pins are shown from the cable, or rear, side of the plug.

   - Microphone output
   - +8 V DC input
   - Frequency up/down
   - No connection
   - GND (microphone ground)
   - GND (PTT ground)
   - PTT
   - No connection

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