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FEATURES

1. SM-8 employs an electret condenser type mic element, and gives clear tones and good pickup for any voice levels.
2. It provides UP/DOWN switches to control the operating frequency from the microphone.
3. The SM-8 can be connected for two transceivers, and can be selected which transceiver is in use by the select switch on the microphone. (Additional connecting cable is an option.)
4. The tone control is provided on the SM-8, so you can get your favorite tones.
5. The output level of the microphone can be selected HIGH and LOW. Thus the SM-8 is compatible with any ICOM transceivers.

2. Set the LINE SELECT switch to the line connected to the transceiver you wish to use.
3. To transmit, press the PTT switch and talk into the microphone with normal voice. When it is released, the transceiver will return to the receive mode.

For a long transmission, push and lock the PTT LOCK switch and it will remain in the transmit mode until it is pushed and released.

4. To change the operation frequency, push the UP or DOWN button. Each push changes the operation frequency up or down with one increment accordingly the pushed button. (This function is available for the transceivers indicated "U/D" in the above chart.)

PREPARATION

1. If you wish to use two control lines, attach an optional connection cable. Refer to the later chapter.

OUTPUT LEVEL SETTING

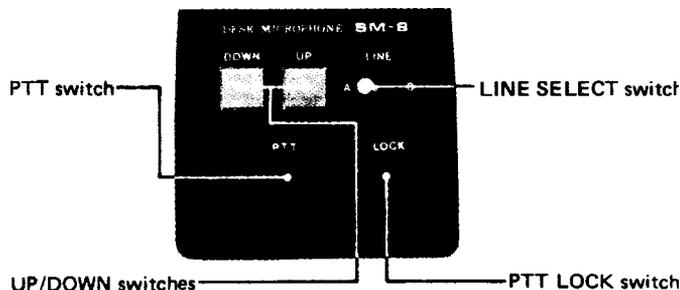
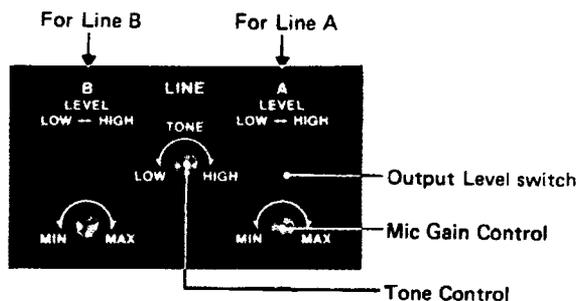
Set the output level switch to "L" or "H" to suit for your transceiver (refer to the following chart) for each line.

3. MIC GAIN ADJUSTMENT

If your transceiver does not have mic gain control on the front panel, adjust the mic gain control located on the bottom of the SM-8 to get proper modulation level for each line.

4. TONE ADJUSTMENT

If you wish to adjust the voice tone, adjust the tone control located on the bottom of the SM-8. This control is effective for both lines.



Transceiver	Mic Level	Microphone Plug Connection							
		1	2	3	4	5	6	7	8
IC-720A	H	MIC	9V	NC	NC	SEND	E	MICE	NC
IC-730	H	MIC	8V	U/D	NC	SEND	E	MICE	NC
IC-740	H	MIC	8V	U/D	SQLS	SEND	E	MICE	NC
IC-745	L	MIC	8V	U/D	SQLS	SEND	E	MICE	NC
IC-751	L	MIC	8V	U/D	SQLS	SEND	E	MICE	AFO
IC-505	H	MIC	8V	U/D	SQLS	SEND	E	MICE	NC
IC-560	H	MIC	9V	U/D	SQLS	SEND	E	MICE	NC
IC-255A/E	H	MIC	9V	U/D	NC	SEND	E	MICE	NC
IC-260A/E	H	MIC	9V	U/D	NC	SEND	E	MICE	NC
IC-290A/E/H	H	MIC	8V	U/D	SQLS	SEND	E	MICE	NC
IC-25A/E/H	H	MIC	8V	U/D	SQLS	SEND	E	MICE	NC
IC-251A/E	H	MIC	9V	NC	NC	SEND	E	MICE	NC
IC-271A/E/H	L	MIC	8V	U/D	SQLS	SEND	E	MICE	AFO
IC-45A/E	L	MIC	8V	U/D	SQLS	SEND	E	MICE	AFO
IC-490A/E	H	MIC	8V	U/D	SQLS	SEND	E	MICE	TONE
IC-451A/E	H	MIC	9V	U/D	SQLS	SEND	E	MICE	NC
IC-471A/E/H	L	MIC	8V	U/D	SQLS	SEND	E	MICE	AFO
IC-120	L	MIC	8V	U/D	SQLS	SEND	E	MICE	AFO

IC2400A L

NOTE:

1. U/D shows the set provides frequency UP/DOWN function
2. SQLS shows squelch signal.
3. AFO shows receiver AF output.

OPERATION

1. Connect the plug of the each line to the mic connector on the transceiver respectively.

OPTION CORD ASSEMBLY

1. Remove the four screws retaining the microphone body on the bottom. Then separate the body and bottom.
2. Remove the bushing next to the original microphone cord. Plug the 6-pin connector of the option cord to the connector and attach the cord stopper to the slot with the same manner as the original cord.
3. Replace the body and bottom, and screw the removed screws as before.

