SHURE®

Use the Microphones of the STARS

CB AND AMATEUR RADIO WIRING GUIDE

January, 1978

Issue 3

GENERAL

This Guide provides detailed instructions for connecting Shure Citizens Band microphones to most CB transceiver models. If your CB transceiver is not listed in the Guide, please send a schematic diagram of your CB transceiver to Shure Brothers Incorporated, 222 Hartrey Avenue, Evanston, IL 60204. The schematic will be returned along with wiring instructions for your particular microphone-transceiver combination.

All wiring information in the Guide pertains to Shure Models CB41, CB42, CB43, CB44, CB45, 526T, and 526T Series II. Only Model 526T Series II is designed for use with CB transceivers requiring five-conductor shielded cable.

The Shure CB Wiring Guide has been compiled as an aid to Shure CB customers. Shure is not liable for damage due to wiring errors, errors in the Guide, or for any consequential damages.

HOW TO USE THE GUIDE

CB transceiver manufacturers are listed alphabetically in the left column. Model numbers are listed below each manufacturer's name.

The following six columns are headed by the cable lead colors used in Shure Citizens Band microphones. The upper row of colors (upper case) refers to the cable leads used in the 526T Series II. The lower row of colors (lower case) refers to the leads used in the 526T, CB41, CB42, CB43, CB44, and CB45. (The GREEN, high-impedance audio lead is omitted from the column headings. See the next paragraph for connection instructions for the GREEN lead.) Under each lead color are instructions for connecting that lead to the CB transceiver connector or input circuit. A number used as a column entry (e.g., #1, #2, etc.) refers to a numbered connector pin. When a connector has unnumbered pins, or when the cable is wired directly to the CB transceiver input, identification of the circuit, along with color code if applicable, is provided in the entry under each Shure cable lead color. Typical connector numbering is shown in Figure 1.

The right column is headed Notes. When special considerations apply, a numbered entry in this column refers to the Notes listed at the bottom of the page. When a transceiver audio input requires a high-impedance microphone connection, Note 4 will appear in the last column. This indicates that the GREEN audio lead (instead of the WHITE) should be used in Models CB41, CB42, CB43, CB44, and CB45. When Notes 6 or 9 appear, only the 526T Series II is suitable for connection to that transceiver.

Refer to the bottom of the page for a list of abbreviations used.

TYPICAL CONNECTIONS TO CB TRANSCEIVER AUDIO INPUT

Shure Citizens Band microphones are suitable for replacement of most original equipment ceramic or dynamic, high- or low-impedance microphones. Shure Citizens Band microphone cables are wired so that the WHITE cable lead carries the preamplified or low-impedance audio output, and the GREEN cable lead carries the high-impedance audio output. If a microphone has both a GREEN and a WHITE cable lead, be sure to insulate the unused audio lead.

When replacing a ceramic microphone supplied with original equipment, the high-impedance connection will usually (but not always) be used. If your CB transceiver is not listed in the Guide, and you do not know whether a high- or low-impedance microphone is required, connect the microphone for low impedance (WHITE lead). Check whether there is sufficient output from your transceiver. If the modulation output is too low, reconnect the microphone for high impedance.

The shield completes the microphone audio circuit, and often also is the ground for the switching circuit. Connect the shield to chassis or circuit ground of the transceiver. Take care not to connect the shield to chassis ground for those models where the Guide specifies connection to either circuit ground or power supply.

TYPICAL CONNECTIONS TO CB TRANSCEIVER RELAY OR ELECTRONIC SWITCHING CIRCUIT

Grounded switching

Most CB transceivers employ a grounded circuit to switch from the receive to the transmit position. Shure Citizens Band microphones are wired for instant connection to grounded switching circuits. The microphone cable connections are as follows.

1. Connect the RED cable lead to the terminal used to complete the transmitter circuit.
2. A. In Models CB41, CB42, CB43, CB44, CB45, and 526T, connect the BLACK lead to the terminal used to complete the receiver circuit*.

   B. In Model 526T Series II, connect the YELLOW lead to the terminal used to complete the receiver circuit*.

   *This will usually be a ground return from the loudspeaker. If a microphone switching contact is not required for the loudspeaker ground, insulate the BLACK or YELLOW lead referred to in A or B.
3. In Model 526T Series II, the BLACK lead may occasionally be required for a separate receiver ground circuit in addition to the loudspeaker ground. In most cases, however, insulate the BLACK lead.
4. In Model 526T Series II, connect the BLUE lead to chassis or circuit ground of the transceiver. Take care not to connect the shield to chassis ground for those models where the Guide specifies connection to circuit ground.

Isolated switching

In some transceivers, an isolated circuit is required to switch power supply voltages rather than grounds.

Shure Models CB41, CB42, CB43, CB44, CB45, and 526T are suitable for transceivers that switch the power supply in the microphone only to the transmitter circuit. All these microphones except Model CB41 require internal modifications that are fully described in the data sheet. In Model CB41, move the Grounded-Isolated switch to the Isolated position.
Model 526T Series II is suitable for connection to transceivers that switch the power supply in the microphone from the receive to the transmit position, and for units that also require a separate switching contact for the loudspeaker ground return. No internal microphone modifications are needed.
The microphone cable connections for isolated switching circuits are as follows.

1. Modify the microphone (all models except 526T Series II) as described in the data sheet.
2. Connect the RED lead to the isolated terminal used to complete the transmitter circuit.
3. A. In Models CB41, CB42, CB43, CB44, CB45, and 526T, connect the BLACK lead to the terminal used for power supply voltage.

   B. In Model 526T Series II, connect the BLUE lead to the terminal used for power supply voltage.
4. In Model 526T Series II, connect the BLACK lead to the terminal used to complete the receiver circuit. If the power supply is not switched to the receiver circuit by a microphone switching contact, insulate the BLACK lead.
5. In Model 526T Series II, connect the YELLOW lead to the loudspeaker ground return. If a microphone switching contact is not required for the loudspeaker ground, insulate the YELLOW lead.

Special switching

Some transceivers (indicated by Note 9 in the last column) require special internal microphone modifications before cable connections are made. Only the 526T Series II is recommended for use with these transceivers. Refer to the microphone data sheet for general descriptions of the required internal changes. If you need further information, please write to Shure Brothers Inc.

TROUBLESHOOTING

SYMPTOM	PROBABLE CAUSE	
	With nonamplified microphone CB41, CB42, CB43, CB44, CB45	With amplified microphone 526T, 526T Series II
Undermodulation	Poor or loose connections (check especially microphone cable to transceiver connector), or impedance mismatch. Original equipment ceramic microphone replacements usually require high-impedance audio connection. However, for some ceramic microphone inputs, replacement microphone audio connection must be low impedance.	Weak batteries, dirty battery contacts, microphone volume control set too low, or poor or loose connections (check especially microphone cable to transceiver connector).
Overmodulation (indicated on modulation level meter or by unintelligible speech)	Low-impedance microphone output too high for transceiver input. To correct, 470 ohm to 4.7 kilohm resistor may be added in series with transceiver audio input.	Microphone volume control set too high.
Low receiver volume		With 526T only, WHITE lead from amplifier to press-to-talk switch has not been cut (see Note 2 and Figure 4).
Immediate transmission when microphone is connected	With Grounded Switching, reversed connection of RED and BLACK leads (see Figure 2 and data sheet).	With Grounded Switching, reversed connection of RED and BLACK leads (see Figure 4 and data sheet).
No output	Poor or loose connections (check especially microphone cable to transceiver connector), or broken wires	Dead battery, dirty battery contacts, poor or loose connections (check especially microphone cable to transceiver connector), or broken wires.
Poor voice quality with low volume and/or bassy sound	High-impedance (GREEN) cable lead connected to audio input circuit. Change to low-impedance (WHITE) cable lead.	
No carrier while transmitting	BLACK lead has not been moved for isolated switching (see Note 5 and Figure 3).	With 526T only, Normal/VOX switch is in VOX position.

TROUBLESHOOTING (Continued)

SYMPTOM	PROBABLE CAUSE	
	With nonamplified microphone CB41, CB42, CB43, CB44, CB45	With amplified microphone 526T, 526T Series II
No audio while transmitting	Unused GREEN or WHITE audio lead has not been insulated	With 526T only, WHITE audio lead has been cut instead of WHITE lead from amplifier to press-to-talk switch (see Note 2 and Figure 4).
Transceiver fuse blows	Microphone not wired properly. Isolated switching may be required. Jumper lead between switch terminals has not been cut (see Note 5 and Figure 3).	Microphone not wired properly. Isolated switching may be required. With 526T only, BLUE lead has not been cut (see Note 3 and Figure 4).
Squeal while receiving (may vary with microphone-to-transceiver distance)	With hand-held models: Open case (see Isolated Switching section of data sheet). If WHITE cable lead connected to transceiver, cut GREEN lead at cartridge; if GREEN cable lead connected at transceiver, cut WHITE lead at cartridge. With Model CB41: Unscrew screen and grille, remove cartridge and fiber washer. If WHITE cable lead connected to transceiver, cut BLACK lead at cartridge. If GREEN cable lead connected to transceiver, cut RED lead at cartridge.	With 526T only, WHITE lead from amplifier to press-to-talk switch has not been cut (see Note 2 and Figure 4). With 526T Series II only, transceiver may require grounded audio input. See Special Switching section of data sheet.
Squeal while transmitting		With 526T only, GRAY lead not cut (see Note 1 and Figure 4).

PIN NUMBERING FOR TYPICAL CB CONNECTORS

(viewed from solder terminal side of plug)

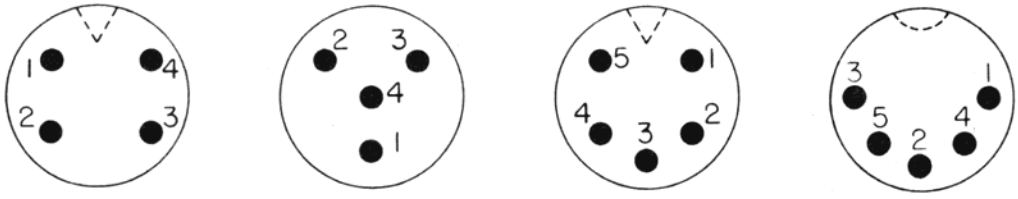
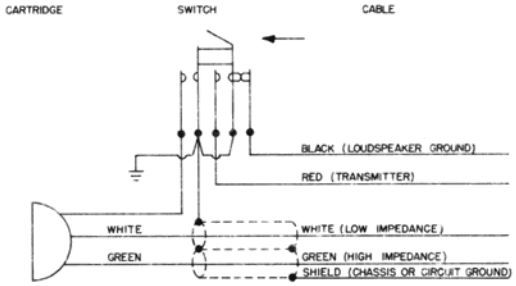
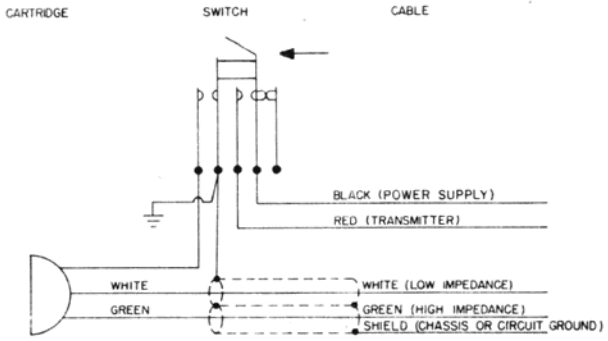


FIGURE 1

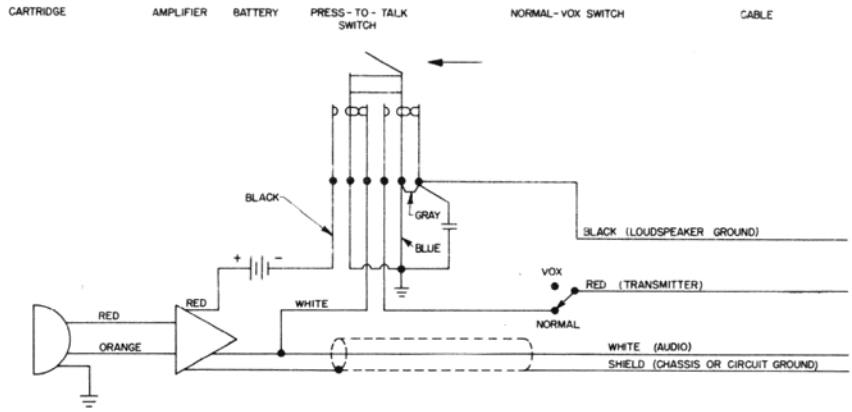
TYPICAL MICROPHONE CIRCUITS



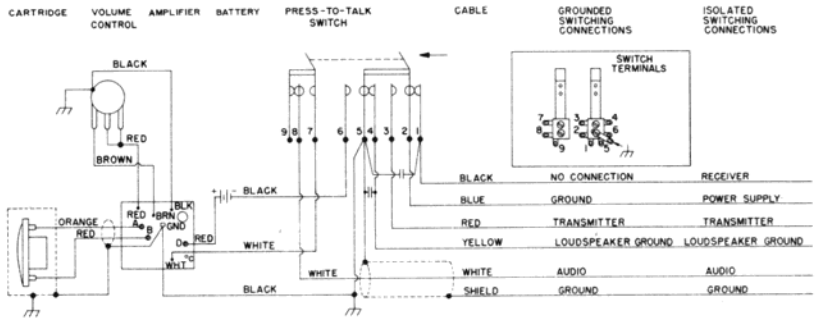
GROUNDED SWITCHING
FIGURE 2



ISOLATED SWITCHING
FIGURE 3



AMPLIFIED MICROPHONE - 526T
FIGURE 4



AMPLIFIED MICROPHONE - 526T SERIES II
FIGURE 5

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
AIRCASTLE							
2302, JE321	#3	#4	#1	#2	#4	NC	1, 2, 4
AIMOR							
CB-7000	#1	#4	#3	#2	#4	NC	1, 2
AIRLINE							
GAS-587							8
GEN-774A	#1	#2	#3	#4	#2	NC	2
ALARON							
B1025	#1	#4	#3	#2	#4	NC	
B1050	#3	#4	#1	#2	#4	NC	1, 2
B1150	#1	#2	#5	#3	#2	NC	1, 2
B1100	#1	#2	NC	#3	#2	NC	2, 4
ALLIED							
A2507	AUDIO-BLK	GND-SHLD	LS	RELAY-RED	GND-SHLD	NC	1
A2530	#1	#2	#2	#3	#2	NC	1, 2
A2533	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1, 2
A2559, A2561	AUDIO-WHT	GND-SHLD	NC	RELAY-RED	GND-SHLD	NC	
A2564, A2568	#4	#3	NC	#2	#3	NC	
A2569	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1
A2567	#1	#2	NC	#3	#2	NC	4
ALLSTATE							
893.62910, 11, 21, 31, 41	AUDIO	CHAS GND	LS GND	XMTR CKT	CHAS GND	NC	1, 2, 4

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
AMERICAN ELECTRONICS							
76-501 (Spirit), 76-601 (Freedom)	#4	#3	#2	#1	#3	NC	1, 2
76-551 (Buccaneer)							8
AMPHENOL							
777	#3	#1	NC	#2	#1	NC	
775	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	
600, 625, 650, 675							8
ARVIN							
20Y55-19	#2	#1	NC	#3	#1	NC	
20Y33-19	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	
AUDIOVOX							
MCB-1000	#1	#2	#5	#3	#2	NC	1, 2
MCB-500	#1	#6	#2	#5	#4	#3	6
MCB-2000	#1	#6	NC	#5	#4	#3	6, 7
AUTOMATIC							
MCE6510, TRE6500, MCR-6450, TRC-6448, TRR-6454/A	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	
CBU-2068	#1	#2	#3	#5	#2	NC	1, 2, 4
B&K/DYNASCAN							
Cobra 6	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1
Cobra 19, 21, 29, 21X, 85; Cam 89, 21XLR, 29XLR, 32XLR, 89XLR, 77X	#2	#1	#4	#3	#1	NC	1, 2
Cobra 20, 24	AUDIO	GND	NC	RELAY	GND	NC	
Cobra 23, 27, V	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	2, 4

ABBREVIATIONS

BLK = black
BLU = blue
BRN = brown
CHAS = chassis
CKT = circuit
CTR = center
GND = ground
GRN = green
HI = high
LO = low
LS = loudspeaker
MIC = microphone
NC = no connection
ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
B & K/DYNASCAN							
Cobra 25	#3	#1	NC	#2	#1	NC	
Cobra 28, 28A, 130, 131, 132, 132A, 135, 139, 880, 32XLR, 139XLR, 45XLR	#2	#1	NC	#3	#1	NC	2
Cobra 134, 138, 138A	TIP	SLEEVE	NC	RING	SLEEVE	NC	
Cam 88, Cobra 98	#1	#2	NC	#3	#2	NC	4
Cobra 138XLR	#2	#4	#1	#3	#4	NC	1, 2
BOHSEI							
Smokey	#1	#2	#3	#4	#2	NC	1, 2
BOMAN							
CB-950, CBH-990	#1	#2	#3	#4	#2	NC	1, 2
BROWNING							
Brownie, LTD, SST	#2	#1	#4	#3	#1	NC	
Mark II Series B, SSB15	#2	SHELL	NC	#1	SHELL	NC	4
Eaglette	AUDIO	CHAS GND	CKT GND	RELAY	CKT GND	NC	3, 4, 5, 7
Eaglette II	AUDIO	CB-PA SW	GND	XMTR	GND	NC	1, 2
SST-2, Brownie, Sabre, Baron	#2	#4	#1	#3	#4	NC	2
Eagle S23, Golden Eagle Mark II (69R & 69T), Golden Eagle Mark III	#1	SHELL	NC	#2	SHELL	NC	4
Golden Eagle Mark 4	#1	#3	NC	#2	#3	NC	4
CADRE							
525 (500-1, 520); 510-A; 515; 510	#2	#3	#4	#1	#3	NC	2
CALTRON							
CB-7500	#1	#2	#3	#4	#2	NC	

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
CITI-PHONE							
#19	#1	#2	NC	#4	#2	NC	
SS, CD-5A/6, CD-5A/12	RING	SLEEVE	NC	TIP	SLEEVE	NC	2, 4
CD 11/6, CD 11/12, 99/6, 99/12	WHT	CHAS GND	RED	BLK	CHAS GND	NC	1, 2, 4
CHANNEL MASTER							
CB6830	#2	#4	#1	#3	#4	NC	1, 2
CLARICON							
14-523	AUDIO	GND	NC	RELAY	GND	NC	2
30200	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1, 2
30400 (Pirate)	#2	#5	NC	#4	#5	NC	2
30500	#1	#2	#3	#4	#2	NC	1, 2
30600 (Privateer), 30800 (Activator)	#2	#1	#3	#4	#1	NC	1, 2
30850	#4	#1	#5	#3	#1	NC	1, 2
CLARION							
JC-201E	#1	#2	#3	#4	#2	NC	2
JC-202E							8
COMMANDO							
2320, 2325	#1	#4	#3	#2	#4	NC	
2310	#1	#2	#3	#4	#2	NC	1, 2
2340	WHT	SHLD	GRN	RED	BLK	BLU	6
COURIER							
Courier, TR-23S, Classic	#3	#4	NC	#1	#4	NC	
Citation, Classic II	#1	#3	NC	#2	#3	NC	
Classic III, Cruiser, Redball, Caravelle 40D, Conqueror 40D	#2	#4	#1	#3	#4	NC	1, 2
Caravelle, Caravelle II, Centurion, Conqueror, Conqueror II, Gladiator, Spartan SSB	TIP	SLEEVE	NC	RING	SLEEVE	NC	

ABBREVIATIONS

BLK = black
BLU = blue
BRN = brown
CHAS = chassis
CKT = circuit
CTR = center
GND = ground
GRN = green
HI = high
LO = low
LS = loudspeaker
MIC = microphone
NC = no connection
ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
COURIER							
Courier 23; 23+; Fleet Courier, 30B; Royale	#3	#4	NC	#2	#4	NC	4
CFT-800A, Courier TR-5, Traveller, ML-100	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1
Cadet 23	AUDIO	CKT GND	NC	RELAY	CKT GND	NC	
Comet 23	#2	#1	#3	#4	#1	NC	1, 2
Chief 23	#4	#3	#2	#1	#3	NC	1, 2
Ranger 23	#3	#4	#1	#2	#4	NC	1, 4
Traveller II	#4	#1	#3	#2	#1	NC	1
CRAIG							
4101, 4102, 4103, 4104, 4201	#2	#3	#4	#5	#3	NC	1, 2
DEMCO							
Satelite Deluxe	#4 (Hi/Lo Mic Switch to Hi)	#1	#2	#3	#1	NC	1, 2, 4
Ravelle 23	AUDIO	CHAS GND	LS GND	XMTR CKT	CHAS GND	NC	1, 4
Satelite T110A, Travelier (Series B)	#2	#1	NC	#3	#1	NC	4
Ravelle	RING	SLEEVE	NC	TIP	SLEEVE	NC	4
ECHO							
49er	#1	#2	#4	#3	#2	NC	1, 2
EICO							
7923 (Nova 23), 712, 771W, 772W	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	4
779, 779A, 777	#2	SHELL	NC	#1	SHELL	NC	4
7723	#1	#2	#3	#4	#2	NC	1, 2

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
ELECTRONIC 2000							
CB-23CH	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	2
FANON							
Fanfare 100, Rebel 23+	YEL	SHLD	BLU	RED	SHLD	NC	1, 2
Fanfare 700	#1	#2	#5	#3	#2	NC	1, 2
SFT-400, SFT-500	#5	#3	#2	#1	#3	NC	1, 2
SFT-600	#2	#1	NC	#3	#1	NC	
SFT-700, SFT-900 (Guardsman)	#2	#1	#3	#4	#1	NC	1, 2
SFT-800A	AUDIO	GND	LS CKT	+6.2V PWR SPLY	GND	NC	1
Fanfare 880	TIP	SLEEVE	NC	RING	SLEEVE	NC	
Fanfare 120	AUDIO-YEL	GND-SHLD	LS-BLK	+5V-WHT	GND-SHLD	NC	1, 2
T-700							8
Rebel 40A, Fanfare 100F1	WHT	SHLD	BLK	RED	SHLD	NC	1, 2
FIELDMASTER							
MF-1001	#3	#2	NC	#1	#2	NC	2
TR-18A, TR-18M	#1	#3	NC	#2	#3	NC	1, 2
Micro Mini 3	#1	#6	#2	#5	#4	#3	6
Micro Mini 6	#1	#6	#2	#3	#4	#5	6
FULCOMM/ STEREOSONIC							
2300, 01, 02, 03	#1	#2	#3	#4	#2	NC	1, 2
GEMTRONICS							
GTX-23, GTX-36	#1	#2	#3	#4	#2	NC	1
GTX-2325	#1	#4	NC	#2	#4	NC	2
GTX-2300	#1	#3	NC	#2	#3	NC	1, 2
GTX-3000	#1	#3	#5	#2	#3	NC	1, 2
GT-230	#1	#2	#4	#3	#2	NC	1, 2

ABBREVIATIONS

BLK = black
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CTR = center
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GRN = green
HI = high
LO = low
LS = loudspeaker
MIC = microphone
NC = no connection
ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
GENERAL ELECTRIC							
3-5810, A; 3-5800A, 3-5801A	#4	#1	#5	#3	#1	NC	1
3-5815, 3-5825, 3-5821A, 3-5812A	#1	#2	#3	#4	#2	NC	1, 2
3-5975A							8
GENERAL RADIO AND TELEPHONE							
Super MC-11/A	#1	#3	NC	#2	#3	NC	4
Super MC-9	#4	#3	NC	#2	#3	NC	2, 4
Super MC-8	#4	#3	#1	#2	#1	NC	3, 5, 7
MC-6	#4	#3	#1	#2	#3	NC	1, 2
VS-6, VS-7	WHT	BLK/BLU	RED	GRN	BLK/BLU	NC	
GLOBE							
65-228 (President VIII)	RING	SLEEVE	NC	TIP	SLEEVE	NC	2, 4
Globe Master 65-220	AUDIO	SHELL	NC	XMTR CKT	SHELL	NC	4
9000, 9001	#1	#4	#3	#2	#4	NC	1, 2
GM							
23B, CBD-10, 23C	#1	#2	#3	#4	#2	NC	1, 2
130	AUDIO-BLK	GND	GND	RELAY-GRN	GND	NC	2
123A	WHT	SHLD	YEL	BLU	RED	BLK	6
CBD-12	WHT	SHLD	YEL	BLU	BLK	RED	6
GONSET							
G-15 (3428/3429)	AUDIO	CHAS GND	NC	XMTR CKT	CHAS GND	NC	2, 4
GRANADA							
CB6, CB7, FCB27	#2	#1	#3	#4	#1	NC	1, 2
GRAND PRIX							
D-1325RF	#1	#2	#3	#4	#2	NC	1, 2

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
HALLICRAFTERS							
CB-24	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	
CB-21	RED	SHLD	BLK	WHT	BLK	NC	3, 5, 7
CB-19, CB-17	WHT	CHAS GND	BLK	RED	CHAS GND	NC	1, 4
CB-7, CB-9	AUDIO	CHAS GND	LS GND	XMTR CKT	CHAS GND	NC	1, 4
CB-10	WHT	CKT GND	BLK	RED	BLK	NC	2, 3, 4, 5, 7
CB-12	AUDIO	CKT GND	XMTR CKT	−12.6V PWR SPLY	XMTR CKT	NC	2, 3, 5, 7
P-5-120, CB-5, CB-14, HA-14, CB-5 Mark II	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	2, 4
CB-20	WHT	SHLD	NC	RED	BLU	BLK	6
HALLMARK							
512	#2	#3	NC	#1	#3	NC	2, 4
1250B	#2	SHELL	#1	#3	SHELL	NC	1, 4
HAMMARLUND							
CB-Six (CB-6)	AUDIO	CHAS GND	LS GND	XMTR CKT	CHAS GND	NC	1, 4
HANDIC							
2305	#2	#1	#4	#3	#1	NC	4
235, 305, 605							8
HEATHKIT							
GW-14A, GWW-14A, GWW-14AS, GW-14, GWA-14-1, GWW-14	AUDIO	CKT GND	XMTR CKT	12V PWR SPLY	XMTR CKT	NC	2, 3, 5, 7
MW-34, MWW-34	AUDIO	CHAS GND	NC	XMTR CKT	CHAS GND	NC	2, 4
GW-32A/D, GWW-32A/D, GW-12A/D, GWW-12A/D	WHT	CHAS GND	RED	BLK	CHAS GND	NC	1, 2, 4
GW-42, GWW-42	#2	#1	#3	#4	#1	NC	1, 2, 4
GW-11A/D, GWW-11A/D, GW-22A/D, GWW-22A/D	AUDIO	CHAS GND	LS GND	XMTR CKT	CHAS GND	NC	1, 2, 4
HITACHI							
CM-4800H, CM-2375H, CM-2425H, CM-2400C, H	#4	#1	#5	#3	#1	NC	1, 2

ABBREVIATIONS

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BLU = blue
BRN = brown
CHAS = chassis
CKT = circuit
CTR = center
GND = ground
GRN = green
HI = high
LO = low
LS = loudspeaker
MIC = microphone
NC = no connection
ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
HY-GAIN							
623 (23 Plus)	#1	#4	NC	#2	#4	NC	
672 (Hy Range III), 673 (Hy Range IV), 674 (Hy Range V)	#1	#2	NC	#3	#2	NC	2
670 (Hy Range I), 670A, 671 (Hy Range II), 671A	#1	#4	NC	#2	#3	#5	6
674B (Hy Range V), 673B (Hy Range IV), 672B (Hy Range III), 681 (Hy Range I, IA), 682 (Hy Range II, IIA), 670B, B-PR, 671B, 2681, 2683, 3077, VIII	#1	#3	#5	#2	#3	NC	1, 2
2679							8
ITT							
CB4000M	#2	#1	#4	#3	#1	NC	1, 2
RAY JEFFERSON							
CB-705	#1	#2	#4	#3	#2	NC	1, 2
CB-707	RED	SHLD	WHT	YEL	BLK	BLU	6
CB-711	YEL	SHLD	VIO	RED	SHIELD	NC	1, 2
CB-905	RING	SLEEVE	NC	TIP	SLEEVE	NC	4
CB-701	#1	#2	#3	#4	#2	NC	1, 2, 4
JET SOUNDS							
CB-7000	#1	#4	NC	#2	#4	NC	
E. F. JOHNSON							
351, Messenger III Revised	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	2
Messenger 123C, D, E, F, G (Rev); 110; 100	AUDIO	CKT GND	LS GND	XMTR CKT	CKT GND	NC	1, 2
Messenger II (242-162/-163)	AUDIO	CKT GND	LS GND	XMTR CKT	CKT GND	NC	1, 2, 4
Messenger 323, 323M, 320, 300, III	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	2
Messenger 124, 124M, 223	#1	#4	#2	#3	#4	NC	1, 4
Messenger 120	WHT	SHLD	BLK	BLU	RED	YEL	6
Messenger 120A, 121, 130A, 350							8
Messenger 122, 191, 123A, 323A, 4120, 4140, 4145, 4230	WHT	SHLD	YEL	BLU	RED	BLK	6
Messenger 123B, 123SJ	WHT	SHLD	YEL	BLU	ORN	BLK	6
Messenger 125	AUDIO	11.8V Pwr Sply	LS	XMTR	11.8V Pwr Sply	RCVR	6

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
E. F. JOHNSON							
Messenger 250	#1	CKT GND	#4	#5	#2	#3	6
4170, 4175	#1	#6	#4	#5	#2	#3	6
Viking 352, 352D, 4740	#1	#5	NC	#2	#5	NC	2
J. I. L.							
852CB	#1	#3	NC	#5	#3	NC	2
606CB	#1	#2	#5	#3	#2	NC	1, 2
KAAR							
TR336 (SkyLark I), TR337 (Skyhawk II)	WHT	CKT GND	NC	BLK	CKT GND	NC	2
6/117TR333/B, 12/117TR333/B, 32/TR333B	RING	SLEEVE	NC	TIP	SLEEVE	NC	2, 4
TR327/A/B							8
TR335 (Skyhawk)	WHT	CKT GND	NC	BLK	CKT GND	NC	2, 4
KENWOOD							
TS-520, TS-820	#1	#4	#2	#3	#4	NC	3, 4, 5
KNIGHT							
KN-2500, KN-2550, KN-2580, KN-2585	#3	#4	#5	#1	#4	NC	1, 4
KN-2526, KN-2565, KN-2567	#1	#2	NC	#3	#2	NC	4
KN-2560	#1	#4	NC	#2	#4	NC	4
KN-2590	AUDIO-WHT	GND-SHLD	LS CKT-BLK	XMTR CKT-RED	GND-SHLD	NC	1, 4
KRACO							
KCB-2320A, KCB-2310A, KCB-2330B	#1	#2	#3	#4	#2	NC	1, 2
KCB-2370	#5	#3	NC	#1	#3	NC	2
KCB-1401	#1	#4	NC	#3	#4	NC	
KB-2355	#1	#2	#3	#4	#2	NC	
KCB-1300	YEL	SHLD	BLK	WHT	SHLD	NC	1, 2
KCB-2390	YEL	SHLD	VIO	RED	SHLD	NC	1, 2
KRIS							
T23B, 99er, Vega	AUDIO	GND	NC	RELAY	GND	NC	
23+	#1	#4	NC	#2	#4	NC	4
Valiant, Ventura	#1	#2	#4	#3	#2	NC	1
Victor, Victor II	#1	#2	#4	#3	#2	NC	1, 4
XL23, XL25, XL30, XL50	#1	#2	#4	#3	#2	NC	2
XL70	#1	#4	#3	#2	#4	NC	

ABBREVIATIONS

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BLU = blue
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CKT = circuit
CTR = center
GND = ground
GRN = green
HI = high
LO = low
LS = loudspeaker
MIC = microphone
NC = no connection
ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
LAFAYETTE							
Comstat 19, 23, 23 Mark V, 35; HB-400; HB-444; HB-444/25A	#1	#4	#3	#2	#4	NC	1, 4
Comstat 23, 25A, 25B	#1	#4	NC	#2	#4	NC	4
Comstat 23 Mark VI	#1	GND	#3	#2	GND	NC	4
HB-23, HB-502, HB-502A, Micro 12, Telsat SSB-25	#2	#4	#3	#1	#4	NC	1
HB-625, HB-625A, HB-823A	#3	#2	#1	#4	#2	NC	1
HB-333, HE-90	#3	#4	#5	#1	#4	NC	1, 4
HA-100, HB-111, HB-222, HE-20AWX, HE-20B, HE-20C	#3	#2	NC	#1	#2	NC	4
Com-Phone Mark II	#1	#3, #4	NC	#2	#3, #4	NC	1, 2
SSB-75, Telsat SSB-100, Telsat 1140, HB640, HB650, HB740, HB750, HB940, HB950, Micro 223A	#1	#4	#5	#2	#4	NC	1, 2
HB-115A	#3	#4	#1	#5	#4	NC	4
HB-200	#3	#4	#2	#1	#4	NC	1, 4
HA-450, HE-20T	#2	#3	#4	#1	#3	NC	1
HE-20TA, Micro 923	AUDIO	GND	NC	RELAY	GND	NC	
HB-501, HB-555, HB-555 (Rev)	#4	#3	#1	#2	#3	NC	1
HB-500/-501; HB-600; Micro 23; Telsat SSB-25A; SSB-50, SSB-50A, 50, 150, 924, 925	CTR	GND	NC	RELAY	GND	NC	1
HB-525A/B; HB-525C, D, E, F; Telsat 23	#4	#3	#2	#1	#3	NC	1
Micro 66	#1	#2	#4	#3	#2	NC	1
HE-15B	#3	#1	NC	NC	#1	NC	2, 4
HB-550	#4	#1	NC	#2	#3	#5	6, 7
Micro-723, Telsat 1023, 1000; HB-700	#1	#4	NC	#2	#3	#5	6, 7
Com-Phone 23A	RED	SHLD	BLU	BLK	SHLD	NC	1, 2

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
LA SALLE							
LA-101-AN	#1	#2	#4	#3	#2	NC	1, 2, 4
MARK PRODUCTS							
Invader 23	RING	SLEEVE	NC	TIP	SLEEVE	NC	2
Lancer 23	AUDIO	CHAS GND	NC	XMTR CKT	CHAS GND	NC	2
METROTEK							
Charger, Bronco							8
Colt 23	RING	SLEEVE	NC	TIP	SLEEVE	NC	4
Pacer, Pacer II, Mustang	WHT	CHAS GND	BLACK	RED	CHAS GND	NC	1, 4
MIDLAND							
13-863, 13-887, 13-898, 13-898B	#1	#2	NC	#3	#2	NC	2
13-870C, 13-870D, 13-871, 13-872, 13-873	RING	SLEEVE	NC	TIP	SLEEVE	NC	
13-881, 13-890	AUDIO	GND	NC	XMTR	GND	NC	
13-881B, 13-893, 13-895	#1	#2	NC	#4	#2	NC	
13-800	RED	CKT GND	BLU	WHITE	BLU	NC	3, 5, 7
13-150	AUDIO	CHAS GND	CKT GND	XMTR	CKT GND	NC	2, 3, 5, 7
13-160, 13-856	AUDIO	GND	LS	XMTR	GND	NC	1, 4
13-801, 13-854	RED	CKT GND	BLACK	WHITE	CKT GND	NC	1, 2
13-844, 13-879, 13-883, 13-864, 13-883B	#1	#2	#4	#3	#2	NC	1
13-888B	#2	#5	#4	#3	#5	NC	1, 2
13-845, 13-868, 13-874, 13-876, 13-878, 13-877, 13-880B, 13-880, 13-885, 13-891	TIP	SLEEVE	NC	RING	SLEEVE	NC	
77-888	#1	#5	#4	#3	#5	NC	1, 2
13-869	#4	#3	#1	#2	#3	NC	1

ABBREVIATIONS

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LO = low
LS = loudspeaker
MIC = microphone
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ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
MIDLAND							
13-862, 13-862B, 13-879B, 13-866, 13-867, 13-857, 13-882B, 13-892, 13-852, 13-884, 13-882B, C, 13-858, 13-857B, 13-863B, 77-857, 13-853, 13-830, 77-882	#1	#2	#3	#4	#2	NC	1, 2
13-882	#1	#4	NC	#2	#3	#5	6, 7
13-896	#1	#2	NC	#3	#4	#5	6, 7
13-995	#1	#2	#6	#3	#6	NC	3, 5, 7
13-886	#5	#1	#2	#3	#1	NC	1, 2
13-866, 13-861, 77-955							8
MORSE/ELECTRO-PHONIC							
CB700, CB800, 3005	#1	#2	#3	#4	#2	NC	1, 2
CB2000	#1	#2	#4	#3	#2	NC	1, 2
2001	#1	#2	NC	#3	#2	NC	
MOTOROLA							
CB40	#4	#3	#2	#1	#3	NC	1, 2
NUVOX							
CB-7000	#1	#3	#4	#2	#3	NC	
TC-5020	#1	#6	#2	#5	#4	#3	6
OLSON							
CB-88, RA-717	AUDIO	CKT GND	LS GND	XMTR	CKT GND	NC	1, 2
RA-590 (Side Bander II)	#1	#4	NC	#3	#4	NC	2, 4
CB-23, RA-530	RING	SLEEVE	NC	TIP	SLEEVE	NC	2, 4
RA-590	AUDIO	CHAS GND	NC	XMTR	CHAS GND	NC	2, 4
CB-409	#1	#2	#5	#3	#2	NC	1, 2
PACE							
TA2300/B	#1	#2	#3	#4	#2	NC	1
2300 (Early Model)	AUDIO	CHAS GND	NC	XMTR CKT	CHAS GND	NC	2
2300 (After 5/72 with 5 pin plug), P2376, 2376A	#5	#4	#3	#2	#4	NC	1, 4
2300 (New model with 4 pin plug)	#4	#3	#2	#1	#3	NC	1, 2, 4
I, II, II-S, 100, 200, Plus 23	AUDIO	GND	GND	XMTR CKT	GND	NC	2, 4

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
PACE							
CBST-23 (Side Talk 23), 130, Side Talk 1000B, 1000M, CB113, CB145, CB166, CB162, CB161	#1	#2	NC	#4	#2	NC	2
CB-76	#4	#3	#2	#1	#3	NC	1, 4
100ASA	#4	#1	NC	#2	#1	NC	2
100S	#4	#2	NC	#1	#2	NC	
102, 123, 123A	AUDIO	CKT GND	NC	RELAY	CKT GND	NC	2
C123A, 123A (latest production)	#4	#2	NC	#1	#2	NC	2
223, 2376	AUDIO	CHAS GND	NC	RELAY	CHAS GND	NC	1, 2
CB1023, CB1023B	TIP	SLEEVE	NC	RING	SLEEVE	NC	
5000	#8	#6	#7	#9	#6	NC	
133, CB143, 100ASA-1	#4	#2	NC	#1	#2	NC	2
2376B	CLEAR	BRAID	BLK	RED	BRAID	NC	2
CB144	#1	#4	NC	#2	#4	NC	2
8010A, 8015A	#4	#3	NC	#1	#3	NC	1, 2
PAL							
Roadrunner 23	#4	#1	NC	#2	#1	NC	1, 2
PALOMAR							
71B, 73	RING	SLEEVE	NC	TIP	SLEEVE	NC	2, 4
Digicom 100	#1	#3	NC	#2	#3	NC	4
PANASONIC							
CR-B1717EU, CR-B4747EU	#1	#3	#5	#2	#3	NC	2
RJ-3200	#2	#4	#1	#3	#4	NC	1, 2
RJ-3100	#1	#2	#4	#3	#2	NC	1, 2
CR-B4737EU	#1	#3	NC	#2	#3	NC	1, 2

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RCVR = receiver
Rev = revised
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V = volt
VIO = violet
WHT = white
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YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
PEARCE-SIMPSON							
Bobcat 23	#1	#3	NC	#5	#3	NC	2, 4
Bobcat 23B, Sentry	AUDIO	GND	GND	RELAY	GND	NC	2
Bobcat 23C, Puma 23B	#4	#2	#3	#1	#2	NC	1, 2
Cheetah SSB; Cougar 23 (latest production); Bearcat 23, 23/B; Tiger 23; Panther SSB; Bengal SSB; Tomcat	#1	#2	NC	#3	#2	NC	
Director, Director (Rev), Escort, Escort II	AUDIO-WHT	GND-SHLD	NC	RELAY-RED	GND-SHLD	NC	4
Guardian 23, 23B	#1	SHELL	NC	#2	SHELL	NC	4
Bearcat 23C; Cougar 23B; GM 23; Lynx 23; Puma 23; Super Lynx; Tiger 23B, 23C; Simba SSB (latest production), Puma 23C, Bobcat 23E, Tiger Mark 2	#1	#2	#3	#4	#2	NC	1, 2
Panther	AUDIO	GND	LS	XMTR	11.4V Pwr Sply	RCVR	6
Alleycat 23, Tomcat 23, 23B; 2301	AUDIO	CKT GND	LS CKT	XMTR CKT	CKT GND	NC	1, 2
2302, Pussycat 23	#2	#1	#3	#4	#1	NC	1
Wildcat, Wildcat II							8
Bobcat 23D	#2	#4	#3	#1	#4	NC	1, 2
J. C. PENNEY							
985-6050 (Pinto 23)	#3	#1	NC	#2	#1	NC	2
981-6051 (Golden Pinto), 985-6060 (Pinto 23)	#2	#1	NC	#3	#1	NC	
981-6075 (Pinto SSB)	AUDIO	GND	NC	RELAY	GND	NC	
981-6200, 981-6201	AUDIO-WHT	GND-SHLD	LS CKT-RED	XMTR CKT-GRN	GND-SHLD	NC	1
981-6210 (Pinto), 981-6230 (Pinto)	#1	#2	#3	#4	#2	NC	1
981-6212 (Pinto), 981-6220, 981-6235 (Pinto), 981-6240, 981-6213, 981-6235	#2	#1	#4	#3	#1	NC	1, 2

NOTES

1. When using the 526T with this transceiver, cut the internal GRAY lead of the microphone.
2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
POLY-COMM							
Pro	#1	#2	#4	#3	#2	NC	1, 2, 4
Senior 23	#1	#2	NC	#3	#2	NC	2, 4
PRESIDENT							
Washington	#2	#1	NC	#3	#1	NC	
John Q, Teddy R, Honest Abe, Dwight D, Zachary T, Grant	#2	#1	#4	#3	#1	NC	1, 2
RADIOCOM							
27C-2A,-2B,-2C	#2	#1	NC	#4	#1	NC	2, 4
RCA							
Mark VIII, Mark Nine	WHT	CHAS GND	RED	BLK	CHAS GND	NC	1, 2, 4
Mark 10	AUDIO	CHAS GND	NC	XMTR CKT	CHAS GND	NC	2, 4
14T 100/200, Co-Pilots, 14T 270	#1	#2	#3	#4	#2	NC	1, 2
14T 400	#1	#3	NC	#2	#3	NC	1, 2
14T 410	#1	#3	#5	#2	#3	NC	
RAYTHEON							
Raycom							8
Raycom IV	#2	#4	NC	#3	#4	NC	2
REALISTIC							
TRC-5	AUDIO-WHT	GND-SHLD	LS CKT-RED	XMTR CKT-BLK	GND-SHLD	NC	1, 4
TRC-8D	#3	#4	#2	#1	#4	NC	1, 4
TRC-10A	#3	#4	#2	#1	#4	NC	1, 2
TRC-18	#2	#1	#3	#4	#1	NC	3, 5
Americana 23+	#2	SHELL	NC	#1	SHELL	NC	4
Mini 23B	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1
TRC-23B	AUDIO	GND	NC	RELAY	GND	NC	
TRC-X23A	#2	#1	NC	#3	#1	NC	4
TRC-23C,-24A,-55, -56,-52,-68	#4	#1	#5	#3	#1	NC	1, 2

ABBREVIATIONS

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GND = ground
GRN = green
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LO = low
LS = loudspeaker
MIC = microphone
NC = no connection
ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
REALISTIC							
TRC-24	#1	#3	NC	#5	#3	NC	1, 2
TRC-24B,-30,-30A, -50	#4	#1	#5	#3	#1	NC	1
TRC-24C,-46,-47, -57,-48	#4	#1	NC	#3	#1	NC	1, 2
TRC-29	#1	#3	#5	#4	#5	NC	3, 5, 7
TRC-40 (Navajo Pro)	#1	#3	NC	#5	#3	NC	
TRC-49 (Navajo Pro Niner)	#2	#1	NC	#5	#1	NC	
TRC-50B (4 pin)	#4	#2	#1	#3	#2	NC	1
TRC-14,-15	WHT	SHLD	NC	NC	BLK	RED	6
TRC-9,-9A,-11							6, 9
TRC-27A	AUDIO	GND	BLU	YEL	GND	RED	6
TRC-200	#4	#5	#2	#1	#5	NC	7
TRC-61, TRC-180							8
REALTONE							
TR-6436	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	
REGENCY							
Ranger CB-270, Range Gain	AUDIO	GND	NC	RELAY	GND	NC	4
Formula/23, Sprint/23	#1	#2	#3	#4	#3	NC	3, 5, 7
CB-27, CBM-27-6, CBM-27-12	AUDIO-WHT	GND-SHLD	NC	RELAY-RED	GND-SHLD	NC	4
CR-123	TIP	SLEEVE	NC	RING	SLEEVE	NC	
CR-123B	#1	#2	NC	#3	#2	NC	
CR-142, CR-185, CR-230, CR-240	#1	#2	#3	#4	#2	NC	1, 2
CR-186	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1
Imperial (CB-253), Imperial II (CB-254), Range Gain II, Romper (A-3)	#1	#4	NC	#3	#4	NC	4
Sprint/23 II	#1	#2	#4	#3	#2	NC	1
500, GT-523							8
CR-202	AUDIO-YEL	GND-SHLD	LS-VIO	XMTR-RED	GND-SHLD	NC	1, 2
CB-501, CB-701	#4	#2	#5	#3	#2	NC	1, 2

NOTES

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2. When using the 526T with this transceiver, cut the internal WHITE lead of the microphone from the amplifier to the press-to-talk switch (see Figure 4).
3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
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9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
ROBYN							
XL-Two	#4	#3	#1	#2	#1	NC	2, 3, 5, 7
LB-23, WV-23, DG-30, LB-23A, WV-23A	#1	#2	#4	#3	#2	NC	1, 2
BB-123, TR-123C	#1	#2	NC	#4	#2	NC	1, 2
J-123	AUDIO	GND	NC	RELAY	GND	NC	
K-123	#1	#2	#3	#4	#3	NC	2, 3, 5, 7
T-123	AUDIO	GND	NC	RELAY	GND	NC	4
T-123B	#1	#3	NC	#2	#3	NC	4
TR-123B	#2	#1	NC	#3	#1	NC	2
605	#3	#2	#5	#1	#2	NC	1
SS-747B	#1	#4	NC	#2	#4	NC	
XL-One, SX-101, GT-VII	#1	#2	#3	#4	#3	NC	2, 3, 5, 7
ROSS/ELECTRO-PHONIC							
CB-1000	#1	#2	#4	#3	#2	NC	1, 2
ROYCE							
1-600	AUDIO	GND	LS CKT	XMTR CKT	GND	NC	1
1-600A, 1-640, 1-601, 1-606, 1-600B, 1-605A, 1-620, 1-602A, 1-603, 1-612, 1-650, 1-624, 1-653B	#1	#2	#4	#3	#2	NC	1, 2
1-614	#5	#3	NC	#1	#3	NC	2
1-630	#1	#2	#4	#5	#2	NC	1, 2
1-631, 1-650A, 1-658, 1-601, 1-700, 1-655	#1	#2	NC	#3	#2	NC	2
1-590A	WHT	SHLD	BLK	RED	SHLD	NC	1, 2
1-682	#1	#4	NC	#3	#4	NC	1, 2
ROMAR							
CB-7000	#1	#4	#3	#2	#4	NC	
ACT-1914	#1	#2	#3	#4	#2	NC	1, 2
RYSTL							
CB-523	#1	#2	#2	#3	#2	NC	2
CBR-1700, CBR-1800	#1	#2	#3	#4	#2	NC	1
CBR-2100	#2	#1	#4	#3	#1	NC	1

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MIC = microphone
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ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
SBE							
1CB (Coronado)	AUDIO	GND	NC	RELAY	GND	NC	
10CB (Coronado II), 11CB (Trinidad), 12CB (Sidebander II)	#2	#3	NC	#4	#3	NC	2
6CB	#2	#3	NC	#1	#3	NC	
7CB (Sierra)	#1	#2	#3	#4	#3	NC	3, 5, 7
8CB (Console), 16CB (Console II)	#2	#1	NC	#3	#1	NC	
9CB (Catalina)	AUDIO	GND	+12V	RELAY	+12V	NC	3, 5, 7
14CB (Super Console)	#2	#4	NC	#3	#4	NC	
21CB (Cortez), 18CB (Sidebander III), 26CB (Formula D), 29CB (Catalina/ Malibu)	#2	#1	#3	#4	#3	NC	3, 5, 7
22CB (Catalina II)	AUDIO	CKT GND	LS CKT	XMTR CKT	CKT GND	NC	1, 2
23CB (Capri II)	WHT	SHLD	BLU	BLK	RED	BRN	6
32CB, 34CB (Brute)	WHT	SHLD	NC	RED	BRN	GRN	6
26CB, 30CB	#2	#1	#4	#3	#4	NC	1, 2, 3, 5, 7
31CB (Shasta I), 24CB (Shasta III)							8
SEARS							
7535	#1	#4	#2	#3	#4	NC	1, 2, 4
6556	AUDIO	CKT GND	LS GND	XMTR CKT	CKT GND	NC	1
6562, 6563, 6558	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	
6550, 7531	AUDIO	CHAS GND	LS GND	XMTR CKT	CHAS GND	NC	1, 4
6554	#1	#2	NC	#4	#2	NC	2
6552, 6553	WHT	CKT GND	BLK	RED	BLK	NC	2, 3, 4, 5, 7
934-36710500, 934-36770500, 934-36740500	#4	#1	#5	#3	#1	NC	1, 2
3677	#2	#1	NC	#5	#1	NC	2
934-36772600	AUDIO	CKT GND	NC	XMTR CKT	CKT GND	NC	4
SHAKESPEARE							
GBS1500, GBS2500	#1	#2	#3	#4	#2	NC	1, 2
GBS2000	#1	#2	#4	#3	#2	NC	1, 2

NOTES

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3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
SHARP							
CBT-58	AUDIO	CHAS GND	NC	XMTR CKT	CHAS GND	NC	2
CB-500UB	AUDIO-YEL	GND	NC	XMTR-VIO	GND	NC	2
CB-700	#1	#4	#3	#2	#4	NC	
CB-750A, CB-800A	#1	#3	NC	#2	#3	NC	1, 2
SILTRONIX							
SSB-23	#1	#4	NC	#2	#4	NC	2
SSB-23A	#1	#2	#4	#3	#2	NC	1, 2
1011B, C, D	RING	SLEEVE	NC	TIP	SLEEVE	NC	2
AM-1, AM-2 (Apache/Mohawk)	#1	#2	NC	#4	#2	NC	
SONAR							
FS-23, FM-40, E, E (Rev), G, H, FS-3023	RING	SLEEVE	NC	TIP	SLEEVE	NC	2, 4
J-23	AUDIO	CHAS GND	CKT GND	XMTR CKT	CKT GND	NC	2, 3, 5, 7
SPARKOMATIC							
CB-2123	#1	#4	NC	#3	#5	#2	6
SQUIRES-SANDERS							
Skipper	AUDIO	CHAS GND	LS GND	CB SW	CHAS GND	NC	1, 2, 4
Admiral, 23'er, S5S	RING	SLEEVE	NC	TIP	SLEEVE	NC	4
STANDARD COMMUNICATIONS							
Horizon 29	#2	#4	#1	#3	#4	NC	1, 2
Horizon 29A	#2	#1	#4	#3	#1	NC	1, 2
STEREOSONIC							
2355, 2360	#1	#2	#3	#4	#2	NC	1, 2
SURVEYOR							
2600	#3	#4	#1	#2	#4	NC	1, 2
2400	#1	#2	#5	#3	#2	NC	1, 2
2100, 2300	#4	#2	NC	#1	#2	NC	2
1000							8

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ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
TEABERRY							
Five X Five	#1	#2	NC	#3	#2	NC	2
Big "T"	#1	#2	#3	#4	#3	NC	2, 3, 5, 7
Model "T"	#1	#3	#4	#2	#4	NC	4
"T" Charlie One	#2	#3	#4	#1	#3	NC	1
Twin "T"	RING	SLEEVE	NC	TIP	SLEEVE	NC	
Stalker One, Two	#1	#2	NC	#4	#2	NC	2
"T" Scout	AUDIO-YEL	SHLD	VIOLET	RED	SHLD	NC	1, 2
Mighty "T"	#4	#1	#5	#3	#1	NC	1, 2
Mini "T", Mini "T" II							8
Tele "T"	#4	#1	#3	#5	#1	NC	1
"T" Control, Racer "T"	#2	#4	#1	#3	#4	NC	1, 2
Titan "T"	#1	#2	#3	#4	#2	NC	1
TRAM							
Corsair 464, TR27D/E, XL-100	RING	SLEEVE	NC	TIP	SLEEVE	NC	4
Titan; Titan II, IIA, III, IV, D201	#1	#2	NC	#4	#2	NC	4
Diamond 40, 60, 62, XL, XL5	#2	#1	NC	#3	#1	NC	
TRUETONE							
DC4530 (Late Production)	AUDIO-RED	SHLD	LS GND-BLK	XMTR CKT-WHT	SHLD	NC	1, 2
MCC4635A-67, DX4370	#1	#2	#4	#3	#2	NC	1, 2
MCC4434A-57	#1	#4	#3	#2	#4	NC	1, 2
MIC4731A-67	#4	#3	#2	#1	#3	NC	1, 2
MCC4774	#3	#1	#4	#2	#1	NC	
MCC4532A-57, MCC4370A-57, MCC4532A-47, MCC4760-67, MCC4770, MIC4434A-67, 4434B-67, MIC4739A-67, MIC4733A-67, CYJ4732A-77, DC4672	#1	#2	#3	#4	#2	NC	1, 2

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3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
4. This transceiver requires a high-impedance audio input. When using the CB41, CB42, CB43, CB44, and CB45, the GREEN audio lead replaces the WHITE audio lead.
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6. This transceiver is recommended for use only with the 526T Series II.
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9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
TRUETONE							
MIC4821A-86	AUDIO	CHAS GND	NC	XMTR CKT	CHAS GND	NC	4
1250B, 512 Series B (DX4101)	#2	SHELL	#1	#3	SHELL	NC	1, 4
1250A	AUDIO	CHAS GND	LS GND	XMTR CKT	CHAS GND	NC	1, 2, 4
MIC4350-37	RED	SHLD	NC	WHT	BLU	BLK	6, 7
MIC4622A-67, MIC4512A-47, MIC4726A, MCC4724A-77, MCC4720A-77, CYJ4862A-87							8
UNIMETRICS							
Stingray II	#1	#3	#5	#2	#3	NC	1, 2
Dolphone	#1	#3	NC	#2	#3	NC	1, 2
Sea Horse I, Mako-I							8
UTAC							
TR18M	#1	#3	NC	#2	#3	NC	
Micro Mini 23, Super Tiny 23	#1	#6	#2	#5	#4	#3	6
Studio 4000	#1	#3	NC	#2	#3	NC	1, 2, 4
TRX-2000	#3	#2	#5	#1	#2	NC	1, 2, 4
TRX-400	#1	#3	#4	#2	#3	NC	1, 2
TRX-30	#1	#3	NC	#2	#3	NC	2
UTICA							
T&C II, T&C III	RING	SLEEVE	NC	TIP	SLEEVE	NC	2, 4
VECTOR							
790	#2	#1	#4	#3	#1	NC	2
IX	#1	#2	NC	#4	#2	NC	1, 2
VII	#1	#2	#3	#4	#2	NC	1, 2
IV	#1	#4	NC	#3	#4	NC	
VOCALINE							
ED-276	#3	#1	NC	#2	#1	NC	4
ED-278	AUDIO-RED	CHAS GND	NC	XMTR CKT-WHT	CHAS GND	NC	2, 4

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Model	526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes
XTAL								
XCB-5, XCB-11		#2	#1	NC	#4	#1	NC	2
XCB-7		#1	#4, #6	#5	#3	#4, #6	NC	1, 2
XCB-12		#4	#5	#2	#3	#5	NC	
XSSB-10		#5	#6	NC	#1	#6	NC	2
XCB-6		#2	#1	#3	#4	#1	NC	1, 2
XCB-4		#1	#2	#5	#3	#2	NC	1, 2
XCB-28, XCB-23A		#1	#2	#5	#3	#2	NC	
XCB-88								8
YAESU								
FL101, FT100B		RING	SLEEVE	NC	TIP	SLEEVE	NC	
FT101E, 301D, FT221R		#2	#1	NC	#3	#1	NC	
ZODIAC								
M5023		#1	#2	#5	#3	#2	NC	1, 2
M5026		#1	#2	NC	#3	#2	NC	1, 2, 4

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3. When using the 526T with this transceiver, cut the internal BLUE lead. Refer to the Isolated Switching section of the data sheet.
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5. This transceiver requires an isolated switching contact when using the CB41, CB42, CB43, CB44, and CB45. Refer to the Isolated Switching section of the data sheet for circuit modification instructions (see Figure 3).
6. This transceiver is recommended for use only with the 526T Series II.
7. When using the 526T Series II with this transceiver, the YELLOW lead is not used.
8. This transceiver is not recommended for use with Shure Citizens Band microphones.
9. This transceiver is recommended for use only with the 526T Series II after special internal modifications are made. Refer to the data sheet, or write to Shure Brothers Inc.

ADDENDA

Model 526T Series II (others)	WHITE (white)	SHIELD (shield)	YELLOW (black)	RED (red)	BLUE	BLACK	Notes

ABBREVIATIONS

BLK = black
BLU = blue
BRN = brown
CHAS = chassis
CKT = circuit
CTR = center
GND = ground
GRN = green
HI = high
LO = low
LS = loudspeaker
MIC = microphone
NC = no connection
ORN = orange
PWR SPLY = power supply
RCVR = receiver
Rev = revised
SHLD = shield
SW = switch
V = volt
VIO = violet
WHT = white
XMTR = transmitter
YEL = yellow
Z = impedance

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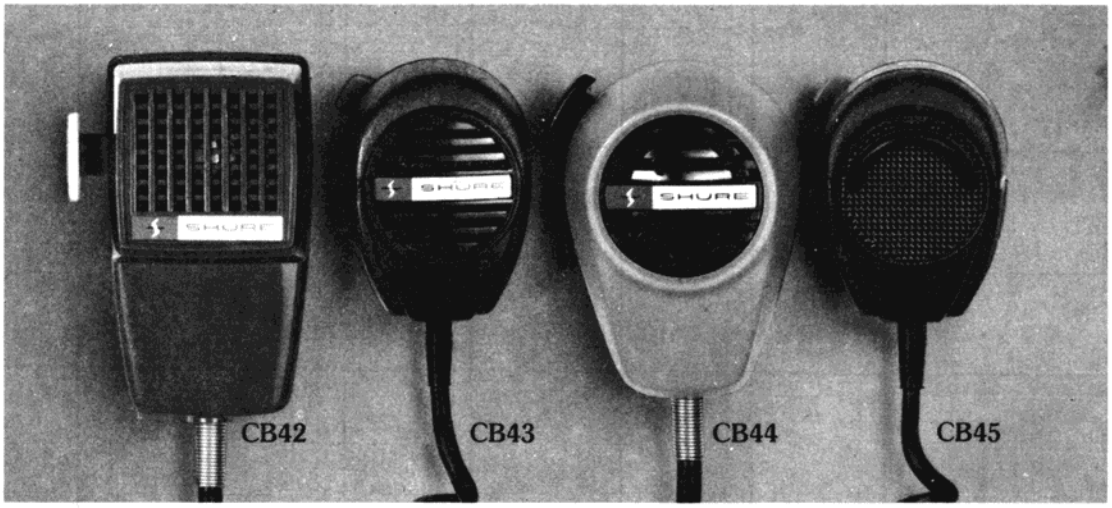

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