

KENWOOD

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BASE MICROPHONE

KMC-9/9B/9C

SERVICE MANUAL

KENWOOD

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Photo is KMC-9.

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Specifications

Type	Uni-directional dynamic microphone (Preamplifier built-in)
Output impedance	600Ω ± 30% (at 1kHz)
Sensitivity	-50dB ± 3dB (at 1kHz, 0dB = 1V/μ bar)
Frequency characteristic	300 to 3000Hz (±6dB)
Power requirements	13.8V DC (Supplied from the radio)
Dimensions (W x H x D)	70 x 162 x 150 mm (2-3/4 x 6-3/8 x 5-29/32 inch)
Weight	550g (1.2 lbs)

KMC-9/9B/9C

DISASSEMBLY FOR REPAIR

• Chassis removal

1. Remove the four rubber feet (①).
2. Remove the four screws (②).
3. Remove the chassis (③).
4. Disconnect the 3-pin connector from the microphone amplification unit (④).

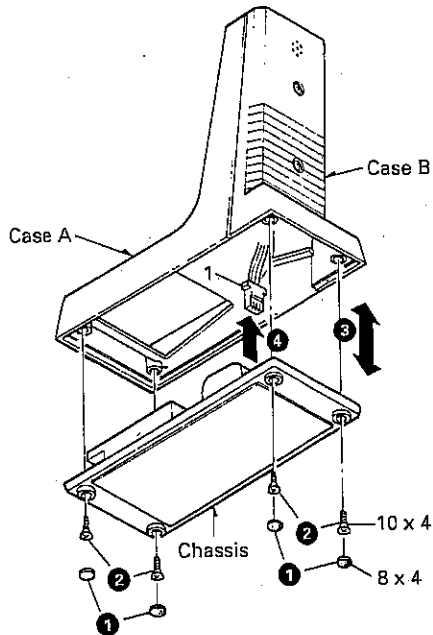


Fig. 1

• Removal of microphone element and microphone amplification unit

5. Remove the two screws holding cases A and B (⑤).
6. Remove case B (⑥).
7. Remove the microphone element and microphone amplification unit (⑦).

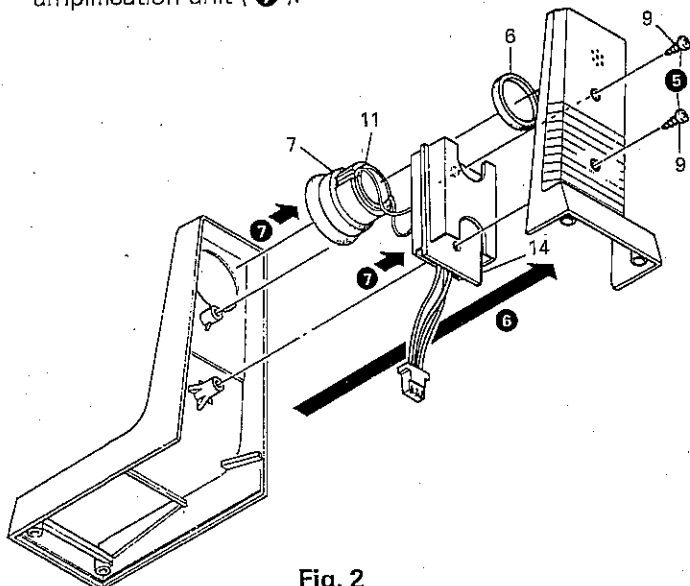


Fig. 2

• Switch unit removal

8. Disconnect the connector (⑧).
9. Remove the springs (L and R) (⑨).
10. Pull out the shaft (⑩).
11. Remove spring A and slider (⑪).
12. Remove the switch unit while pressing the two claws holding the switch unit in the direction of the arrow (⑫).

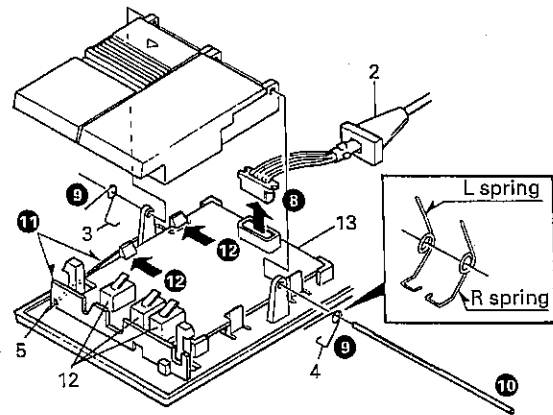


Fig. 3

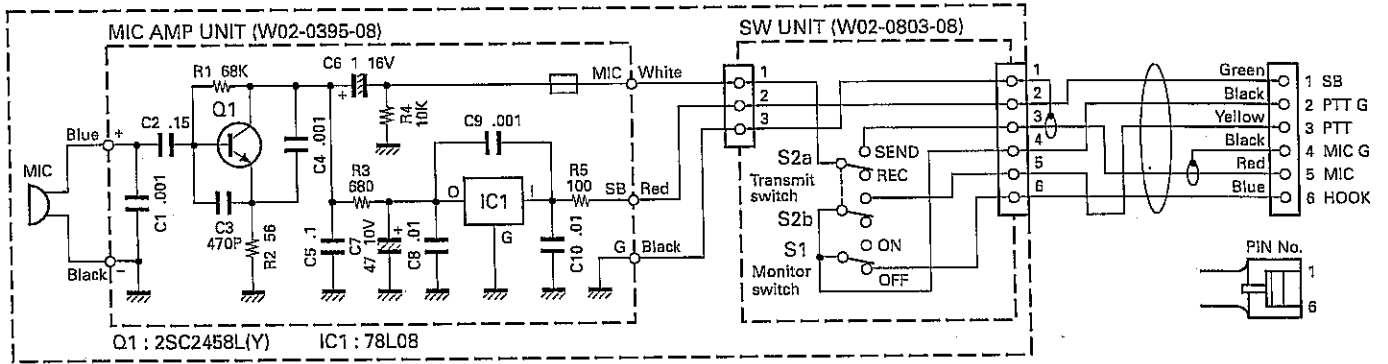
• Removing microphone plug

To remove the microphone plug (module) from the Main unit or from the microphone, grasp the rubber cap from top and bottom to unlock it, then pull it out.

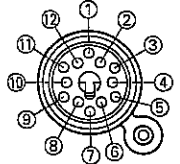
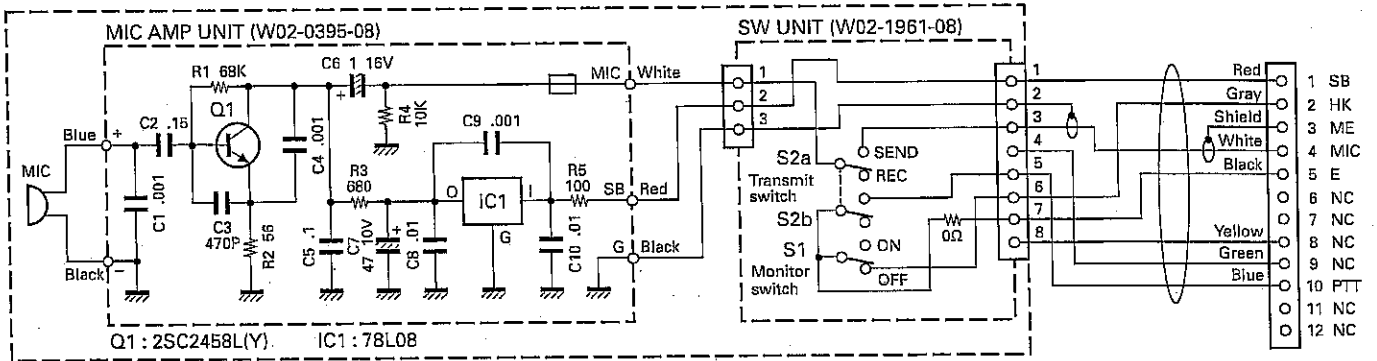
KMC-9/9B/9C

SCHEMATIC DIAGRAM

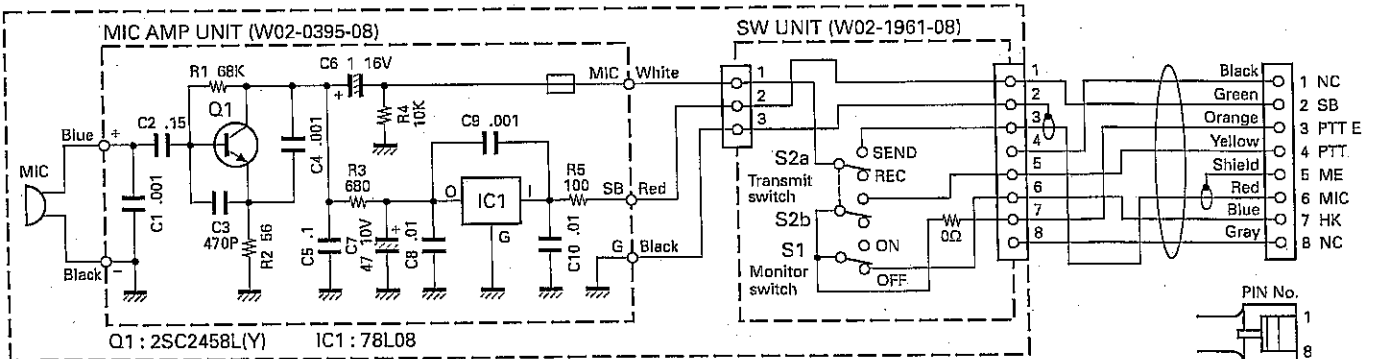
KMC-9



KMC-9B



KMC-9C

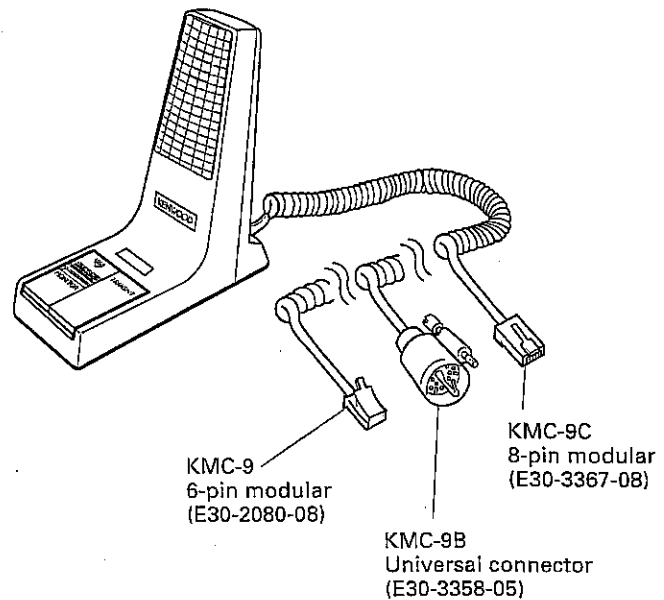


KMC-9/9B/9C

PARTS LIST

* : New parts

Ref. No.	New parts	Parts No.	Description
1		E23-0812-08	Crimp terminal
2		E30-2080-08	Curl cord assy KMC-9
2	*	E30-3358-05	Curl cord assy KMC-9B
2	*	E30-3367-08	Curl cord assy KMC-9C
3		G09-0423-08	L spring
4		G09-0424-08	R spring
5		G09-0425-08	Spring A
6		G13-0877-08	Cushion
7		G13-0878-08	Cushion D
8		J02-0448-08	Rubber foot
9		N44-3018-45	Tapping screw
10		N47-3010-46	Tapping screw
11		T91-0368-08	MIC unit
12		S50-1430-08	Micro switch
13		W02-0803-08	SW unit KMC-9
13	*	W02-1961-08	SW unit KMC-9B/9C
14		W02-0395-08	MIC AMP unit



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