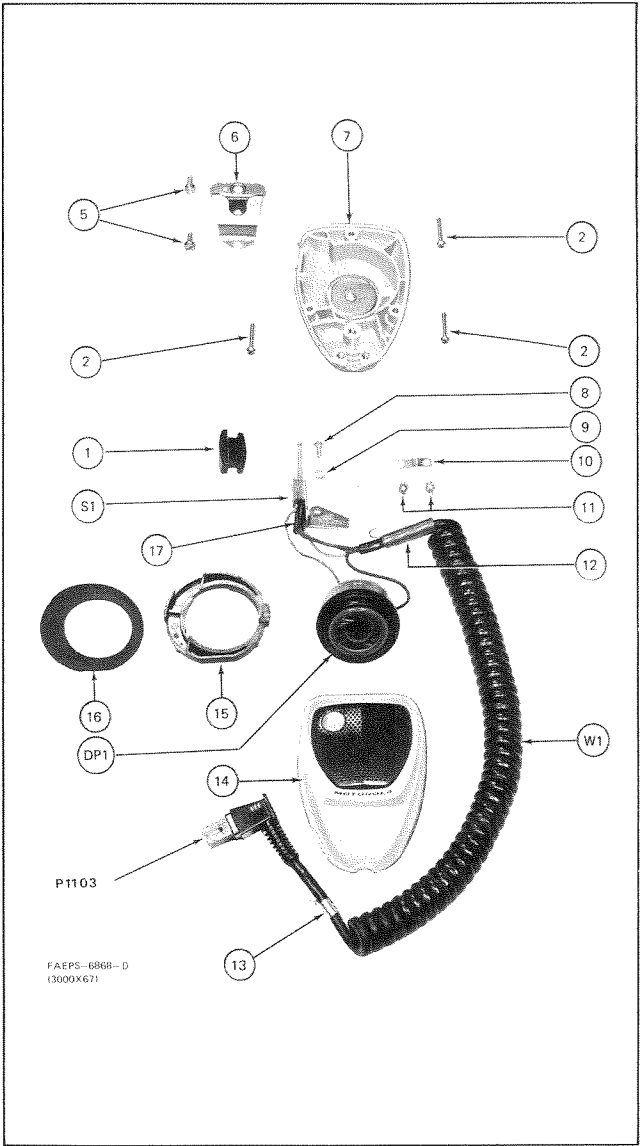


MOBILE MICROPHONE

The mobile microphone contains the microphone element and a push-to-talk (PTT) switch. The microphone element converts speech to transmit audio signals for the radio. The PTT switch controls the radio transmitter. The microphone is supplied with a hang-up clip.



parts list

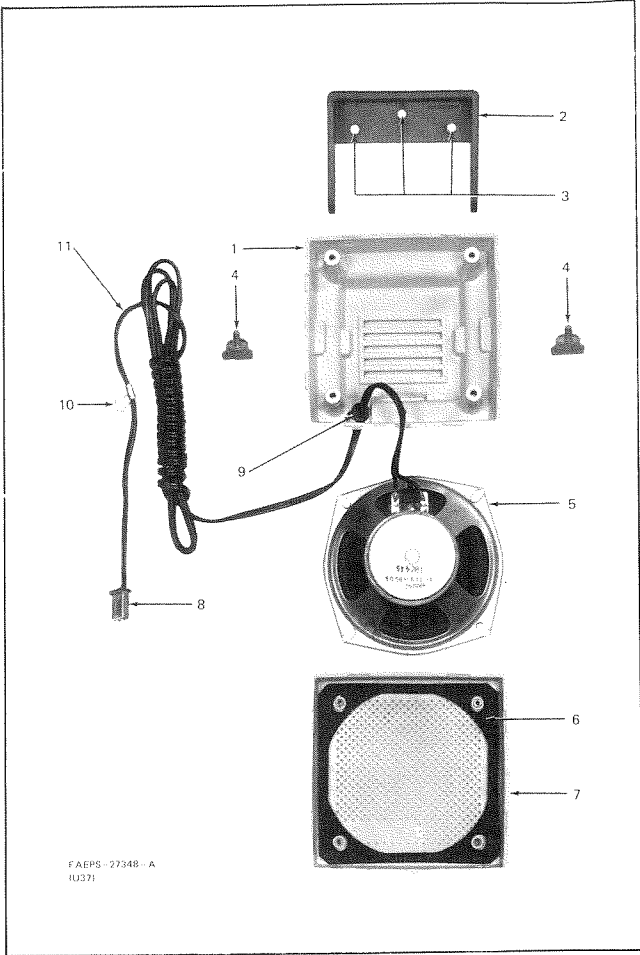
REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
DP1	59-83272G01 or 59-84013A01 or 59-82933C02	cartridge, microphone dynamic, includes transistor preamplifier
P1103	—	connector, plug part of W1
W1	30-83731A01	cord, microphone, coiled cable with connector
S1	40-82263G02	switch, push dpst

REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
1	38A84559B03	PUSHBUTTON
2	3S140000	SCREW, tapping (#6-19 x 3/8"), 3 used
3	3-139913	SCREW, tapping (#8-18 x 1/2"), 2 used
4	1V80707T05	BRACKET & SPRING ASSEMBLY (eyeletted)
5	1-80702T35	HOUSING, microphone, rear (PEARL)
6	3-13999	SCREW, lock (#6-19 x 3/8"), phillips round head
7	4S7666	LOCKWASHER, #6 external
8	42A852710	STRAP, strain relief
9	3S139999	SCREW, tapping (#6-19 x 3/8"), phillips round head, 2 used
10	41A852707	SPRING, strain relief
11	42A893647	CLAMP, cable "S" hook
12	15-82662M23	HOUSING, microphone, front
13	42B82702B02	RETAINER, cartridge
14	32A82703B01	GASKET, neoprene
15	37-2569	TUBING, #9 black, 5" length used

non-referenced items		
13-84599B02	EMBLEM	
35-82652K01	BAFFLE, microphone	
33-82599D01	NAMEPLATE	
29-83277G02	LUG, insulation, 4 used	

SPEAKER

The mobile speaker provides the audio output from the radio. It is equipped with its own trunnion bracket and may be mounted on the firewall or dashboard near the radio. The speaker is mounted in a strong, weather-resistant housing.



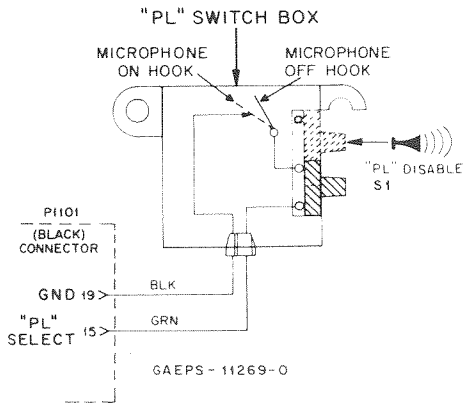
parts list

REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
1	1V80702T45	HOUSING ASSEMBLY (rear); includes:
	15D84981B07	HOUSING (rear)
	3-140001	SCREW, tapping, 6-19 x 7/8", phillips pan head; 4 used
	3-132436	SCREW, machine, 6-32 x 1 1/16"; 4 used
2	7-80200E01	BRACKET, trunnion
3	3S136756	SCREW, tapping, #10 x 5/8", plain hex head; 3 used
4	3-84244C01	THUMBSCREW, machine, 10-32 x 3/8"; 2 used
5	50E80135E01	LOUDSPEAKER, magnetic, 5", pincushion type; 15 W
6	32C84564B01	GASKET, speaker-mounting
7	13B82671M04	BEZEL, speaker
8	14C84566B01	CONNECTOR, plug, female; consists of:
	9C84151B03	BODY, connector
	42B82018H05	TERMINAL, contact; 2 used
9	42A84081A03	RETAINER, cable entrance
10	1V80703T06	CLAMP, cable; includes S hook
11	30C83155H01	CABLE ASSEMBLY; includes:
		CABLE, 2-conductor (8-ft.); each conductor #18 ga. stranded (zip cord), and coded items 9 and 11 (HSN4005A)
	or 1V80704T64	CABLE ASSEMBLY; includes:
	30C83155H01	CABLE, 2-conductor (25-ft.); each conductor #18 ga. stranded (zip cord), and coded items 9 and 11 (HSN4006A)

REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
	7-84569B01	BRACKET, wall mounting
	7-84567B01	BRACKET, hanger
	3-121103	SCREW, machine (6-32 x 3/8")
	3-3660	SCREW, tapping (6-20 x 1/2"), 2 used

MICROPHONE HANGUP BOX

The Model HLN4188A Microphone Hangup Box is used with *Private-Line* and *Digital Private-Line* radios to automatically place the radios in the monitor (carrier squelch) mode when the microphone is lifted off-hook. The hangup box also contains a slide switch to place the radio in the monitor mode with the microphone still on-hook.



parts list

REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
S1	40-84622B04	switch slide, spst
non-referenced items		
	1-80704T78	HOUSING ASSEMBLY, hangup box includes: reference item S1
	1-80704T79	CABLE, assembly includes:
	30-10136A15	CABLE, 2-conductor, 3 used
	9-84151B03	TERMINAL, contact, female, 2 used
	3-139913	SCREW, tapping (8-18 x 1/2"), 2 used
	3-135495	SCREW, machine (2-56 x 3/8"), 2 used
	4-8406	WASHER, lock, #2 int., 2 used
	40-84198C02	SWITCH, stack
	42-82018H07	RETAINER, cable
	64-80240E01	SWITCH, pressure plate

SYNTOR ACCESSORIES

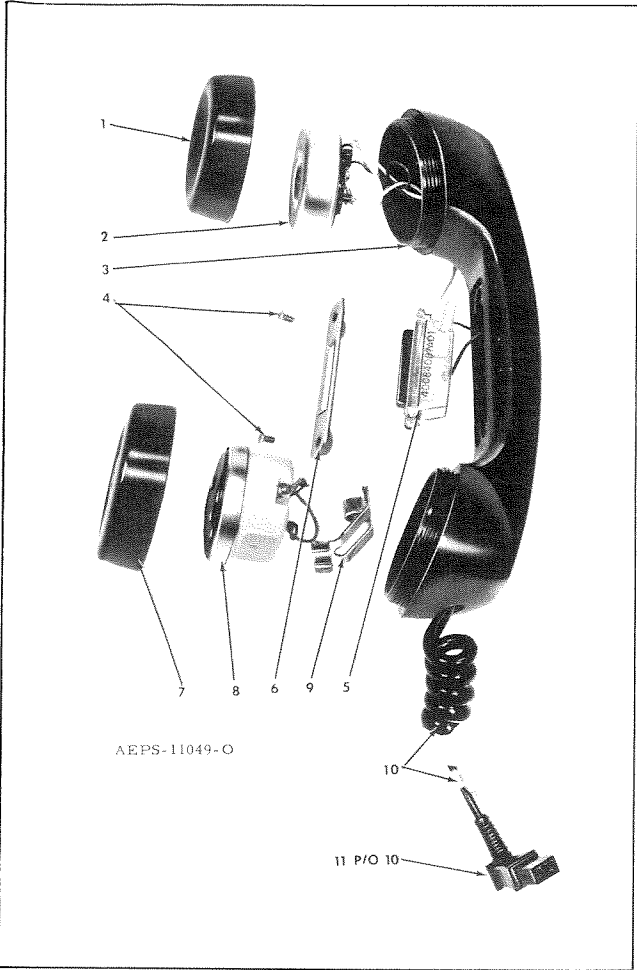
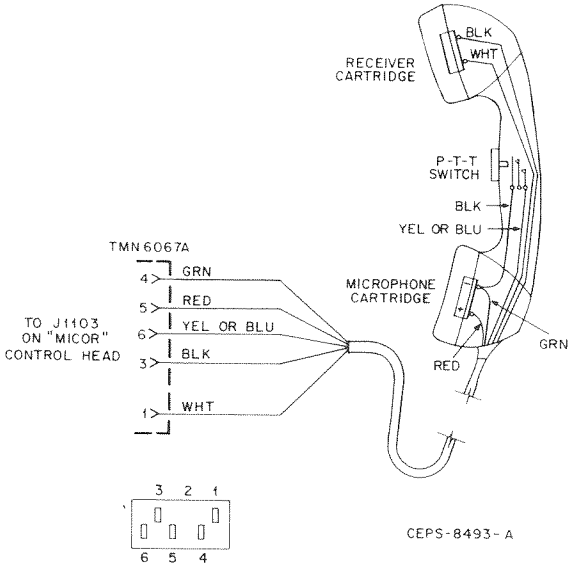
HANDSET

The TMN6067A Handset is used in installations where a telephone-style handset is preferred to the mobile microphone and speaker. The unit operates in the same manner as a telephone handset except that it has a PTT button which is used to key the radio.

parts list

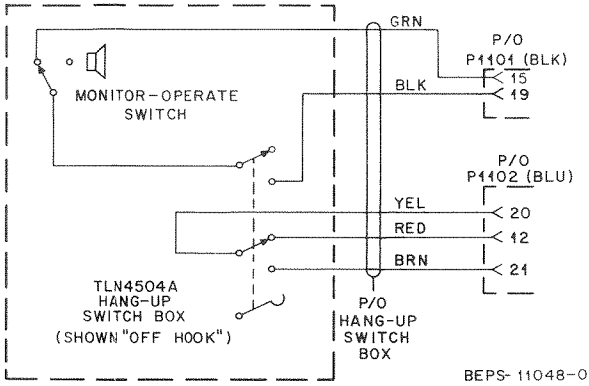
TMN6067A Handset			PL-2241-A
REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION	
1	15B84054A01	CAP, receiver (see note)	
2	59C84058A01	CARTRIDGE, receiver	
3	15C84059A01	HANDLE (see note)	
4	3S124432	SCREW, machine (4-40 x 1/4"), philips flat-head, 2 used	
5	40C84087A01	SWITCH, push, includes pushbutton and dust cover	
6	15B84053A01	PLATE, switch cover	
7	15B84055A01	CAP, transmitter (see note)	
8	59B83272G01	MICROPHONE ELEMENT, telephone, dynamic type	
9	7B83352H01	BRACKET, cord retaining	
10	1D84519C01	CORD ASSEMBLY, includes a molded-on 5-contact female connector	
11	---	CONNECTOR, plug (part of item 10)	

note: Order part number 15C84107A01 to obtain a replacement handle plus transmit and receiver caps.



HANDSET HANGUP BOX

The TLN4504A and TLN4505A (handset hangup boxes) are used to automatically place *Private-Line* and *Digital Private-Line* radios in the monitor (carrier squelch) mode when the handset is lifted off the hook. The HLN4519A is used with carrier squelch radios and performs only the audio switching function. The HLN4519A includes a slide switch which allows the handset earpiece and the speaker to operate simultaneously. The TLN4504A is used with PL or DPL radios and includes a monitor slide switch. When this slide switch is in the monitor position, PL or DPL squelch is disabled, and the receiver operates in the carrier squelch mode.



parts list

TLN4504A Handset Hangup Switch Box HLN4519A Handset Hangup Switch Box TLN4505A Handset Hangup Cradle			PL-2240-B
REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION	
1	7-80200E01	BRACKET, trunnion	
2	4-1724	WASHER, flat (0.234 x 0.625 x .048"); 2 used	
3	3-7302	SCREW, machine (10-32 x 3/8"), philips hex-head; 2 used	
4	15-84520C01	HANGUP CUP and SWITCH ASSEMBLY (HLN4519A/TLN4504A)	
	or 15C84520C02	HANGUP CUP (TLN4505A)	
5	3-135507	SCREW, machine (6-32 x 3/4"), philips hex-head; 4 used	
6	1-80717B42	CABLE ASSEMBLY, includes attached insertable connector contacts (HLN4519A/TLN4504A)	
	or 1-80723T90	ANCHOR, cable strain relief	
7	42-82018H08	WASHER, flat (0.156 x 0.375 x .030"); 2 used	
8	4-1720	WASHER, flat (0.156 x 0.375 x .030"); 2 used	
9	1-80717B40	MOUNTING BASE & SWITCH ASSEMBLY (HLN4519A/TLN4504A)	
10	13-84515C01	ESCUTCHEON (HLN4519A/TLN4504A)	
	or 13-84515C02	ESCUTCHEON (TLN4505A)	
non-referenced items			
	3-136756	SCREW, tapping (10 x 3/4"); 3 used	
	38-84383D02	CAP, protective; 3 used	
	3-138392	SCREW, tapping (8-18 x 1-3/4"); 2 used	
	9-84151B03	RECEPTACLE, contact; 3 used	
	14-84556B02	HOUSING, connector, blue	
	58-84514C01	ADAPTOR HANDSET CRADLE	

