

INSTRUCTION CARD  
HGT5-2528e

SPIDER  
MANPACK TRANSCEIVER

type 9556 304 14800

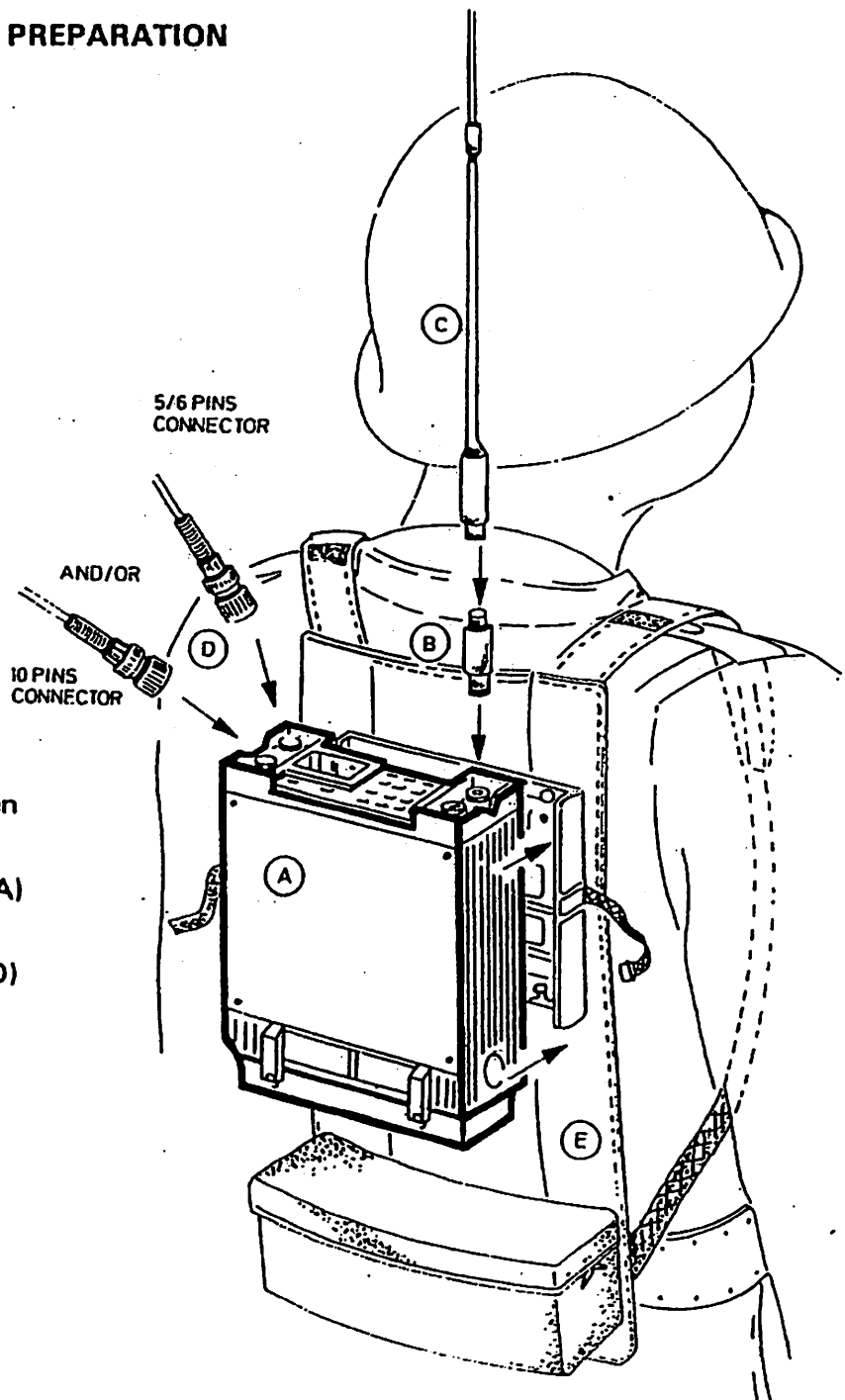
PREPARATION

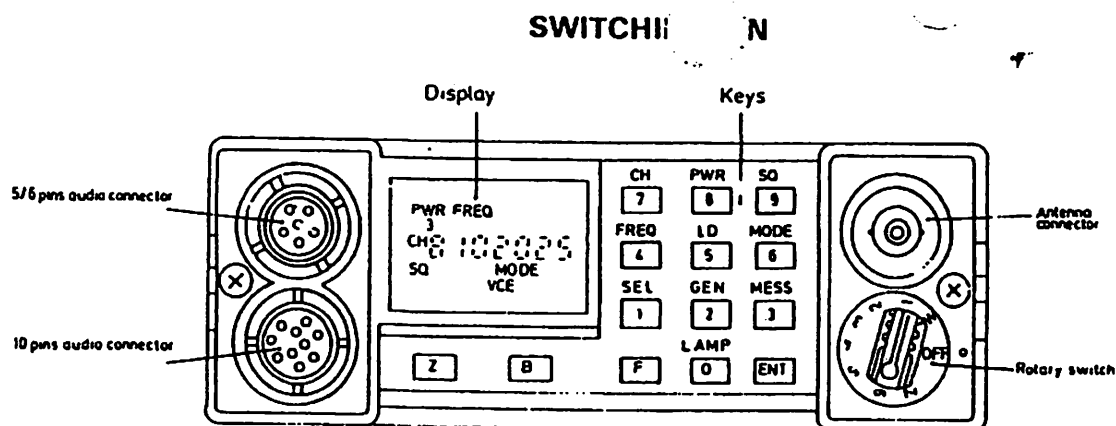
COMPOSITION

- A Transceiver
- B Antenna Matching Unit (AMU)
- C Antenna
- D Handset and/or headset
- E Carrying harness
  - battery (see page 4)
  - instruction card

ACTIONS

- 1 Check battery compartment, when empty install battery (see page 4)
- 2 Mount AMU (B) on transceiver (A)
- 3 Mount antenna (C) on AMU (B)
- 4 Connect hand- and/or headset (D) to transceiver (A)
- 5 Channel presetting (see page 2)
- 6 Install transceiver (A) on carrying harness (E)
- 7 Operation (see page 3/4)





- 1 Turn rotary switch to any position, except OFF and Z.
- 2 An audio tone is heard until the transceiver is ready (approx. 4 seconds).

**REMARK:** In case the audio tone continues and/or 'NOGO' appears on the display, the transceiver is defect.

### CHANNEL PRESETTING

When the transceiver is presetted go to OPERATION page 3 otherwise execute the following procedures.

**Presetting of Channel Parameters** (channel parameters will be retained after the set is switched off).

**ATTENTION:** Each key action must be executed within 10 seconds.

Step	Action	Result
1	Press key 'CH' and select channel no. (0-8)	- display shows 'CH 0'...'8' - audio tone during one second
REM.	When a handset with preselector and volume control is used turn the preselector rotary switch in the position '0'.	
2	Press keys 'F', 'FREQ'	- display shows 'FREQ'
3	Key in desired frequency (30.000-107.975)	- display shows desired frequency
4	Press key 'ENT'	- audio tone during one second
5	Press keys 'F', 'PWR'	- display shows 'PWR 1'...'3'
6	Key in desired power level '1' - low power '2' - medium power '3' - high power	
7	Press key 'ENT'	
8	If squelch is desired press keys 'F', 'SQ', 'ENT'	- display shows 'SQ'
REM.	To cancel the squelch mode repeat step 8	- display does not show 'SQ'

If desired repeat step 1 to 8 for each preset channel (0-8)

## OPERATION

### General

Step	Action	Result
1	Press keys 'CH', '0'...'8'	- display shows 'CH 0'...'8' - audio tone during one second

### Reception

1	Set the rotary switch to the desired volume level 1 to 6	- the audio level in the telephone changes
REM.	In the position 'W' the operator can whisper into the microphone, without a volume decrease at the receiving station	
2	The squelch state can be changed by pressing key 'SQ'	- display shows 'SQ' or not

### Transmission

1	The power level can be changed by pressing keys 'PWR', '1' - low power '2' - medium power '3' - high power	- display shows 'PWR 1'...'3'
REM.	If desired, an extra high power level can be selected by pressing key 'B'	- display shows 'PWR 4'
2	Press and hold the push-to-talk switch	- transceiver is transmitting
REM.	If key 'B' is pressed the power level returns to the original power setting after transmission	- display shows 'PWR 1'...'3'

**ATTENTION:** Use the lowest possible power level to prolong the battery lifetime.

### Display Illumination

1	Press keys 'LAMP', '1'...'3' (1 min. and 3 max. brightness)	- display will illuminate
REM.	Display illumination will be switched off automatically if no key is pressed within 10 seconds	
2	Press keys 'LAMP', '0'	- display illumination off

### Erasing Channel Presetting

Step	Action	Result
1	Turn and hold rotary switch to position 'Z' and press key 'Z'	<ul style="list-style-type: none"><li>- all channel parameters will be erased</li><li>- audio tone during 12 seconds</li></ul>

### Alarm Signals

If a continuous audio tone is heard and/or 'NOGO' appears on the display the set is defect.

### Handset with Volume Control and Channel Selection

If a handset with volume control and channel selection is used the volume and the channel selection (1-8) can be controlled from the handset.

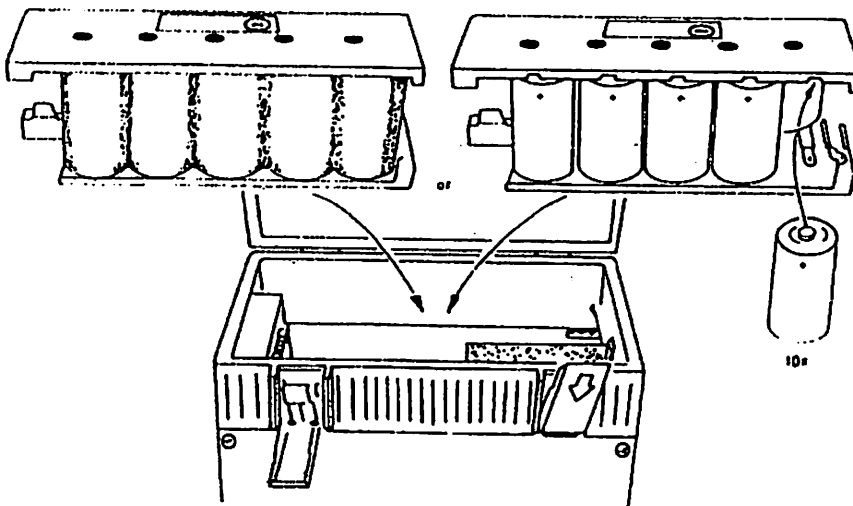
## SWITCHING OFF

Turn the rotary switch in the position 'OFF'.

## OPERATOR MAINTENANCE

### Change Battery

- 1 Open the hinged cover at the bottom of the transceiver by loosening the two clamps.
- 2 Change batteries in battery holder or replace battery block.
- 3 Close cover by first hooking the inner part over the lug and then the outer part of each clamp.



### Preventive Maintenance

- 1 Keep the transceiver free from dirt and dust.
- 2 Before connecting the handset and antenna, always check that the connectors are free from dirt, dust or moisture, clean if necessary.