S E R V I C E   N O T E

SUPERSEDES: 11758A/B-01

HP 11758A/B Digital Radio Test Set

Serial Numbers: 0000A00000/9999A99999

Instructions on how to set the options

To Be Performed By: Customer

Situation:

The HP 11758 Options must be set. Instruments with firmware revision 9.2 and below use the DIP switches on the microprocessor board to set the option. Instruments with firmware revisions above 9.3 must also use the HP-IB interface bus to further set the options.

Continued

DATE: 15 September 1991

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
INFORMATION ONLY			
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:	
F.S.	0400		

HEWLETT PACKARD

Set the following A11S1 switch configurations for your instrument hardware option as required.

	S1 Switch Settings							
Model/Option	**Firmware Rev. 9.2 and below**				**Firmware Rev. 9.3 and above**			
	1	2	3	4	1	2	3	4
11758 Standard	D	U	U	X	D	U	U	U
11758 OPT 140	U	D	U	X	D	U	U	U
11758 OPT 147	U	D	D	X	D	U	U	U
Memory Test	U	U	D	X	U	U	D	X
Keyboard Test	U	U	U	X	U	U	U	X

Down = ON
Up = OFF
X = EITHER

To set the configurations in memory, set the LINE switch to OFF then wait five seconds and set the LINE switch to ON. If you have firmware revision 9.2 and below you are done.

For firmware revision 9.3 and above, send one of the following HP-IB HPBasic commands:

OUTPUT @address;"DIAG:OPT "&Opt_code$
                                          ^
Note: A space is require after OPT

Where:

address   = the HP-IB address of the instrument.
Opt_code$ = one of the following:

Opt_code$ = "8000000"   ! for Standard, HP 11758A
Opt_code$ = "8140000"   ! for HP 11758A, with Option 140
Opt_code$ = "8147000"   ! for HP 11758A, with Option 147

Opt_code$ = "18000000"   ! for Standard, HP 11758B
Opt_code$ = "18140000"   ! for HP 11758B, with Option 140
Opt_code$ = "18147000"   ! for HP 11758B, with Option 147

Opt_code$ = "8000143"   ! for HP 11758A, with Option 143 only
Opt_code$ = "8140143"   ! for HP 11758A, with Option 143 and 140
Opt_code$ = "8147143"   ! for HP 11758A, with Option 147 and 143

Opt_code$ = "18000143"   ! for HP 11758B, with Option 143 only
Opt_code$ = "18140143"   ! for HP 11758B, with Option 143 and 140
Opt_code$ = "18147143"   ! for HP 11758B, with Option 143 and 147