

ALIGNMENT PROCEDURE & SPECIFICATIONS

ALIGNMENT PROCEDURE FORM-8

DATE ISSUED FEB. 05 2001

UNIDEN No UH-053ZL
BUYER'S MDL VMMS

APPRO	CHECK	ISSUE	WRITTEN

DOCUMENT No.

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ISSUER'S STAMP

JIG REQUIREMENT

JIG NAME	JIG NO. (PRODUCTION ASSIGNED)	ADAPTER NUMBER
INTERFACE JIG (MODIFIED)	UH - 041Z - 4497 - 042Z	
LEVEL SHIFTER JIG	UA - 378	
CONNECT JIG	UH - 052ZP - 4582	

ALIGNMENT PROCEDURE		FORM-1	EQUIPMENT SETTING		PAGE	2
MODEL		UNIT		BLOCK	ISSUE DATE	ISSUED
UH-053ZL		MAIN PCB			FEB. 05 2001	H.KAMBARA
TITLE		MAIN PCB INITIALIZE		SUB TITLE		
REQUIRED EQUIPMENT AND JIG						
NO.	JIG / EQUIPMENT NAME		JIG/EQUIP. MODEL NO.	QTY	REMARKS	
1	MAIN PCB INITIAL JIG			1		
2	PC			1	COM1	
3	LEVEL SHIFTER JIG		UA - 378	1	WITH AC ADAPTER	
4	INTERFACE JIG		UH - 041Z - 4497 - 042Z	1		
5	DC SUPPLY			1		
6	CABLE		WZ - 1176	1		
7	RS-232C CABLE			1		
8	CURRENT METER			1	MAX. 1.0A	
9	CONNECT JIG		UH - 052ZP - 4582	1		
JIG AND EQUIPMENT SETTING						
TOOLS / EQPT REQ'D FOR ADJUSTMENT						
EQUIPMENT / JIG CONNECTION DIAGRAM						
The diagram illustrates the connection setup for the equipment. It includes a PCB, a PC, an Interface Jig, a Connect Jig, a Current Meter, a DC Supply, and an AC Adapter. The connections are as follows: - The PCB is connected to the Connect Jig. - The PC is connected to the Interface Jig via an RS-232C cable. - The Interface Jig is connected to the Connect Jig via a WZ-1176 cable. - The Interface Jig is connected to the DC Supply via a DC13.7V (BLK) cable. - The DC Supply is connected to the AC Adapter via a DC5.5V +/-0.01V cable. - The Current Meter is connected to the DC Supply via a CURRENT (BLK) cable. Legend for Interface Jig (Rear Panel): ○ (RED) CURRENT ○ (RED) DC13.7V ● (BLK) ● (BLK)						

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UH-053ZL	MAIN PCB		FEB. 05 2001	H.KAMBARA																							
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<table><tr><td>STEP</td><td>CHECK POINT</td><td>SPEC</td><td>PROCEDURE</td></tr><tr><td>1</td><td>CURRENT METER</td><td>LESS THAN 0.05mA.</td><td>CONNECT CLIPS TO BATTERY TERMINALS OF PCB. CHECK THE CURRENT.</td></tr><tr><td>2</td><td></td><td></td><td>REMOVE CLIP FROM PCB AND CONNECT TO THE CONNECT JIG.</td></tr><tr><td>2</td><td>CURRENT METER</td><td>MORE THAN 40mA LESS THAN 80mA</td><td>CHECK THE CURRENT AFTER POWER ON BEEP.</td></tr><tr><td rowspan="2">4</td><td rowspan="2">SCREEN OF PC</td><td>OK</td><td>PCB CAN BE INITIALIZED CORRECTLY</td></tr><tr><td>NG</td><td>PCB CAN NOT BE INITIALIZED</td></tr></table>						STEP	CHECK POINT	SPEC	PROCEDURE	1	CURRENT METER	LESS THAN 0.05mA.	CONNECT CLIPS TO BATTERY TERMINALS OF PCB. CHECK THE CURRENT.	2			REMOVE CLIP FROM PCB AND CONNECT TO THE CONNECT JIG.	2	CURRENT METER	MORE THAN 40mA LESS THAN 80mA	CHECK THE CURRENT AFTER POWER ON BEEP.	4	SCREEN OF PC	OK	PCB CAN BE INITIALIZED CORRECTLY	NG	PCB CAN NOT BE INITIALIZED
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TITLE		PRE-ADJUST		SUB TITLE		
REQUIRED EQUIPMENT AND JIG						
NO.	JIG / EQUIPMENT NAME		JIG/EQUIP. MODEL NO.	QTY	REMARKS	
1	HP8920A			1	WITH OPT 003(103),004,005, 008,011,014,050	
2	PC WITH GPIB INTERFACE			1	GPIB:HP82335B	
3	LEVEL SHIFTER JIG		UA - 378Z	1	WITH AC ADAPTOR	
4	INTERFACE JIG		UH - 041Z - 4497 - 042Z	1		
5	DC SUPPLY			1		
6	RS-232C CABLE			1		
7	GPIB CABLE			1		
8	CABLE		WZ - 1176	1		
9	RF CABLE			1		
10	CONNECT JIG		UH - 052ZP - 4582	1		
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AC ADAPTER LEVEL SHIFTER UA-378Z PC DC SUPPLY DC 5.5V DC13.7V (BLK) INTERFACE JIG CONNECT JIG PCB HP8920A WZ-1176 RS-232C GP-IB TX EXT IN RX OUT Audio out Audio in RF out RF CABLE ANT CURRENT (+) (BLK) (-) DC13.7V (BLK) ○ (RED) CURRENT ● (BLK) ○ (RED) DC13.7V ● (BLK) INTERFACE JIG (REAR PANEL)						

ALIGNMENT PROCEDURE FORM - 3				PAGE	6														
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ISSUED		H.KAMBARA				
TITLE		PRE CHECK		SUB TITLE		
REQUIRED EQUIPMENT AND JIG						
NO.	JIG / EQUIPMENT NAME		JIG/EQUIP. MODEL NO.	QTY	REMARKS	
1	NJZ-900A WITH H/S			1		
2	DC SUPPLY			2		
3	INTERFACE JIG		UH - 041Z - 4497 - 042Z	1		
4	RF CABLE			1		
5	CONNECT JIG		UH - 052ZP - 4582	1		
6	CURRENT METER			1	MAX 1.0A	
7						
8						
9						
JIG AND EQUIPMENT SETTING						
TOOLS / EQPT REQ'D FOR ADJUSTMENT						
EQUIPMENT / JIG CONNECTION DIAGRAM						
DC SUPPLY1 DC 13.8V NJZ-900A RF CABLE ANT PCB CONNECT JIG INTERFACE JIG CURRENT METER DC SUPPLY DC 5.5V DC13.7V (BLK) CURRENT (BLK) (+) (-) ○ (RED) ○ (RED) DC13.7V ● (BLK) ● (BLK) INTERFACE JIG (REAR PANEL)						

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2	PC WITH GPIB INTERFACE			1	GPIB:HP82335B	
3	LEVEL SHIFTER JIG		UA - 378Z	1	WITH AC ADAPTER	
4	INTERFACE JIG		UH - 041Z - 4497 - 042Z	1		
5	DC SUPPLY			1		
6	RS-232C CABLE			1		
7	GPIB CABLE			1		
8	CABLE		WZ - 1176	1		
9	RF CABLE			1		
10	CONNECT JIG		UH - 052ZP - 4582	1		
11	SHIELD ROOM			1	(RECOMMENDED TO USE)	
JIG AND EQUIPMENT SETTING						
TOOLS / EQPT REQ'D FOR ADJUSTMENT						
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AC ADAPTER LEVEL SHIFTER UA-378Z PC HP8920A DC SUPPLY INTERFACE JIG CONNECT JIG UNIT RS-232C GP-IB WZ-1176 TX EXT IN RX OUT Audio out Audio in RF out ANT RF CABLE CURRENT (+) (BLK) DC13.7V (BLK) DC 5.5V ○ (RED) ○ (RED) ● (BLK) ● (BLK) CURRENT DC13.7V INTERFACE JIG (REAR PANEL)						

ALIGNMENT PROCEDURE FORM - 3				PAGE	12														
MODEL	UNIT	BLOCK	ISSUE DATE	ISSUED															
UH-053ZL	MAIN UNIT		FEB. 05 2001	H.KAMBARA															
TITLE	UNIT ADJUSTMENT		SUB TITLE	REF DIAGRAM															
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MODEL		UNIT		BLOCK	ISSUE DATE	ISSUED
UH-053ZL		MAIN UNIT			FEB. 05 2001	H.KAMBARA
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REQUIRED EQUIPMENT AND JIG						
NO.	JIG / EQUIPMENT NAME		JIG/EQUIP. MODEL NO.	QTY	REMARKS	
1	NJZ-900A WITH H/S			1		
2	DC SUPPLY			2		
3	INTERFACE JIG		UH - 041Z - 4497 - 042Z	1		
4	CONNECT JIG		UH - 052ZP - 4582	1		
5	CURRENT METER			1	MAX 1.0A	
6	ANTENNA			1	for NJZ-900A	
7	SPL METER			1		
8	SHIELD ROOM			1	(RECOMMENDED TO USE)	
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JIG AND EQUIPMENT SETTING						
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BUYER'S SPEC REFERENCE ONLY. (cf. SPECIFICATIONS SHEETS) STANDARD CONDITION (FOR LINE) VOLTAGE DC 5.50 +/- 0.02V TEMP. 25 DEGREE C +/- 5 CH. 993, 384, 797																																																																																																																																																																																																				
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