			3 <u>REV ZONE DESCRIPTION DRAWN CHECKE</u>	D DATE 21May2025
DW: NO. 69-003413 REV. 0				
A A A2 8	15       29-112040-204-103       BATT NI-MH CELL         14       10-003013-002-100       SCREW         13       30-021936-020-100       HS REAR         12       34-007188-000-100       NEGATIVE SPRING         11       28-002112-001-100       SPEAKER         10       34-007187-000-100       POSITIVE SPRING         11       28-002112-001-100       SPEAKER         10       34-007187-000-100       POSITIVE SPRING         9       34-005731-000-100       SPK BRACKET         8       31-006423-000-100       METAL SHT PART         7       34-005398-000-100       HS MAIN PCB         5       49-001789-000-100       METAL SHT SPRING 2-1         6       35-202119-004-100       HEAT SEAL CONN         3       28-001057-043-100       MIC         2       39-080236-090-100       HS KEYPAD         1       30-019960-040-100       FONT HS         ITEM       Part No.       DESCRIPTION	2       30       30-013564-110-100       HS SIDE KEY         4       29       39-008601-000-400       FOAM         1       28       32-011032-000-100       PET SHEET         1       27       34-007031-000-100       ANTENNA         26       30-019962-001-100       LCD BRACKET         25       30-019964-001-100       DIFFUSER         21       1       24       32-010467-000-1VT         22       34-021211-201-100       LCD PANEL         23       43-021211-201-100       LCD PANEL         22       30-019964-001-100       RECEIVER HOLDER         1       1       20       28-003036-001-100       RECEIVER HOLDER         1       1       19       30-019963-000-100       HS LENS         1       1       19       30-013565-000-100       LIGHT GUIDE         1       1       10       30-013565-000-100       HS BATTENY DOOR SPONGE         1       1       16       39-007349-000-700       HS BATTERY DOOR SPONGE         1       1       Part No.       DESCRIPTION	Image:	SOM ING







STEP 1: **OPEN BATTERY DOOR** 

STEP 2: OPEN HS REAR CASE WITH SCREW DRIVER

STEP 3:



STEP 4: DISPART HS MAIN PCB WITH SCREW DRIVER



STEP 5: DISPART RECEIVER BRACKET AND REPLACE NEW **RECEIVER**.

#### REMOVE SPEAKER BRACKET AND DESOLDER SPEAKER WIRE TO REPLACE NEW SPEAKER



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BY	BS EXPLOD	ED DR	AWING	5	A
EON IS THE	DRAWNG NO. 69-003413	TOOL NO	). N/A		
AUTHORIZED	MATERIAL N/A	i			
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STEP 1: OPEN BASE BOTTOM WITH SCREW DRIVER

**STEP 2:** 

# DISPART BS MAIN PCB; PNONE JACK AND POEWR JACK

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			REV ZONE 0 ALL RELEASE	REVISION DESCRIPTION FOR PRODUCTION		DRAWN CHECKED [	DATE May2025
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1				) (7)			E
	7 39-004386-010-400 RUBBER FOOT	2	THIRD ANGLE PROJECTION	CREATED BY ME TE 21May2025			<u>л</u>
	6       10-003032-002-100       SCREW         5       30-010950-012-160       BOTTOM CH         4       40-006985-000-100       DC POWER JACK         3       34-005283-001-100       BS CHARGE CONTACT         2       30-013569-112-110       CRADLE CH         1       30-013584-320-110       TOP CH         ITEM       Part No.       DESCRIPTION	3 1 1 2 1 1 2 1 2 1 2 7 7	FIRST USED ON LIBERTY 200         TOLERANCE UNLESS OTHERWISE STATED         ONE D.P. (.X) ± 0.2         TWO D.P. (.XX) ± 0.1         HOLE DIA. VARIANCE ± 0.1         ANGULAR ± 0.5*         USE         SCALE       NOT IN SCALE         SHEET 1 OF 1	INFORMATION HEREON IS THE PERTY OF THE COMPANY. NO RODUCTION OR UNAUTHORIZED IN PART OR IN WHOLE SHALL MADE WITHOUT WRITTEN CON- F OF THE COMPANY AUTHORITY.	CH EXPLODE	TOOL NO.	/ /





STEP 1: **OPEN BASE BOTTOM WITH** SCREW DRIVER

STEP 2: DISPART CHARGER CONTACT ASSEMBLY PART WITH SCREW DRIVER AND REPLACE NEW CHARGER SPRING

Model name	Picture	Descriptiion	Part Number	Price
		Microphone	28-001057-043-100	
		Receiver	28-003036-001-100	
		Speaker	28-002112-001-100	
	<b>_</b>	LCD glass(HS)	43-021211-201-100	
	EEDING TO THE	Heatseal	40-004671-000-100	
liberty 200		DC Socket in Charger	40-006984-000-100	Please contact our helpline
		DC Socket	40-006985-000-100	
		Power Supply Unit (EU)	26-460045-4EU-134	
		NiMH AAA Battery	29-112040-204-103	
		HS battery door	30-013562-012-100	
		HS keypad	39-080236-090-100	
		Charger Unit	85-003413-005-000	

1. Handset





### Reference to Model as below

DECT295_WH	80-0635-01-00
DECT295-2_WH	80-0635-02-00
DECT295HS_WH	80-0635-04-00
DECT295_COMBI_WH	80-0636-00-00
DECT295-2_COMBI_WH	80-0636-04-00
PHOTODECT295_WH	80-0637-00-00
DECT295PHOTO_WH	80-1132-00-00
DECT295_CFOTO_WH	80-1157-00-00
PACK_MOBILITY_295	80-2376-00-00
Liberty 200	80-3413-00-00
Liberty 200 duo	80-3413-01-00

Instruction for Repairing					
Operation	Procedure	Tools	Picture for reference		
Replacing the battery contacts (for AD595 and Liberty)	<ol> <li>Place the PCB board on a workbench securely.</li> <li>Remove the existing contacts from the PCB with a Soldering Iron.</li> <li>Insert the springs into the PCB holes, weld the position with arrows.</li> <li>Once the welding is complete, inspect the solder joints. If they are not satisfactory, remove and rework them.</li> </ol>	Anti-static strap (ESD wrist strap) Soldering Iron (Lead-free Soldering Tip) 390°C ± 20°C (Temperature setting range for soldering)			
Replacing the receiver	<ol> <li>Place the PCB board on a workbench securely.</li> <li>Remove the existing receiver from the PCB with a Soldering Iron.</li> <li>Position the receiver and route the flexible wires to the PAD location.</li> <li>Use the soldering iron to solder the receiver's PAD connections onto the PCB board.</li> <li>Once the welding is complete, inspect the solder joints. If they are not satisfactory, remove and rework them.</li> </ol>	Anti-static strap (ESD wrist strap) Soldering Iron (Lead-free Soldering Tip) 340°C ± 20°C (Temperature setting range for soldering)			
Replacing the speaker	<ol> <li>Place the PCB board and the rear handset cabinet on a workbench securely.</li> <li>Remove the existing speaker bracket with a tweezers to press the two legs of the speaker bracket and remove from the slot on the bottom cabinet</li> <li>Remove the speaker wires from the PCB by using a soldering iron</li> <li>Install a new speaker onto the bottom cabinet. Take one end of the speaker bracket and hook it into the slot. Use tweezers to press the two legs of the speaker bracket into the slot on the bottom cabinet, securing the speaker onto it.</li> <li>Solder the wirings into the PCB by welding solder to the SPK PAD.</li> <li>Once the welding is complete, inspect the solder joints. If they are not satisfactory, remove and rework them.</li> </ol>	Anti-static strap (ESD wrist strap) Soldering Iron (Lead-free Soldering Tip) 340°C ± 20°C (Temperature setting range for soldering)			
Replacing the LCD module	<ol> <li>Place the PCB board and the rear handset cabinet on a workbench securely.</li> <li>Remove the existing LCD from the PCB carefully, then take out the LCD bracket.</li> <li>Remove the stain by rubbing with Alcoholic solvent.</li> <li>Clean the new LCD with a dust-free cloth, then place it into the hot punching machine. Fold the zebra strip, remove the back paper, and position the zebra strip at the edge of the PCB, aligning it properly with the metal pads.</li> <li>Take the high-temperature adhesive tape and cover the zebra strip. Punch the LCD with the hot-pressing machine.</li> <li>Remove the high-temperature adhesive tape.</li> <li>Test with the LCD function. If they are not satisfactory, remove and rework again.</li> </ol>	Anti-static strap (ESD wrist strap) Dust-free cloth / Alcohol bottle White cloth clamping Solvent : Commerical available contact cleaner Hot Pressing machine			

# **1**Tools/Materials

All tools are available from electronics retailers.



Antistatic Workplace Mat



Tweezers, ESD protected

Opening tool





Soldering station with adjustable temperature range, different soldering tips and lead-free solder.



Repair Tools Page 1 of 2 Release 1			= : : : : : : : : : : : : : : : : : : :
-	Repair Tools	Page 1 of 2	Release 1.0

Torx Screwdriver T5

Kapton Tape



## Silicone Tape Needed for a display repair and supplied with the corresponding spare part.



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