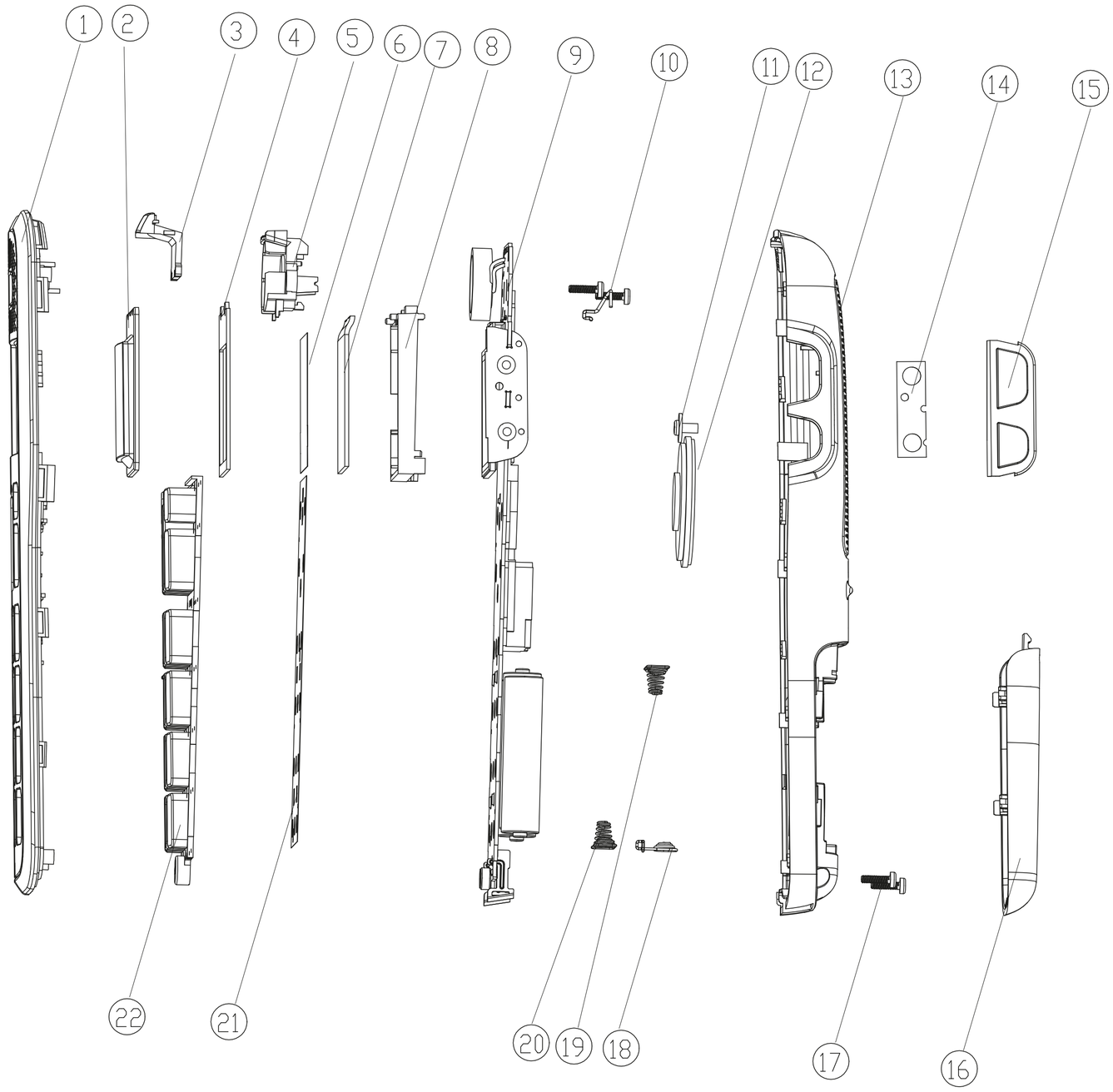
REVISION					
REV	ZONE	DESCRIPTION	DRAWN	CHECKED	DATE
0		RELEASE FOR PRODUCTION			May20,2025



ITEM	Part No.	DESCRIPTION	QTY
22	39-060369-010-100	HS KEYPAD	1
21	49-001655-001-100	METAL DOME	1
20	34-006942-000-100	BATT NEGATIVE SPRING	1
19	34-005398-000-100	HS BATT SPRING	1
18	34-006916-000-100	BATT SPRING P	1
17	10-003013-002-100	SCREW M2.0X8.0	4
16	30-018949-000-100	BATT DOOR	1
15	39-060370-010-100	HS SIDE KEY	1
14	49-001656-000-100	METAL DOME	1
13	30-018948-001-100	REAR HS	1
12	28-002060-000-100	SPEAKER	1
11	10-005072-001-200	SCREW M2.6X4.0XWD8.0	3
10	34-007052-000-100	HS ANTENNA	1
9	35-200970-005-100	HS PCBA	1
8	30-018953-000-100	LCD BRACKET	1
7	30-013568-000-100	LCD DIFFUSER	1
6	32-007373-002-1VT	HS LCD DIFFUSER FILM	1
5	30-018952-000-100	RECEIVER HOLDER	1
4	39-010610-000-100	HS LCD FOAM	1
3	30-018951-000-100	LIGHT GUIDE	1
2	30-018950-000-100	LCD LENS	1
1	30-018947-000-100	FRONT HS	1

THIRD ANGLE PROJECTION

SIZE A2 | UNIT IN MM

FIRST USED ON DECT595FOTO_WH

TOLERANCE UNLESS OTHERWISE STATED

ONE D.P. (.X)	± 0.2
TWO D.P. (.XX)	± 0.10
HOLE DIA. VARIANCE	± 0.1
ANGULAR	±1/2°

SCALE NO SCALE

SHEET 1 / 1

CREATED BY

NAME

DATE May20,2025

CHECKED BY

NAME

GEEMARC TELECOM

TITLE

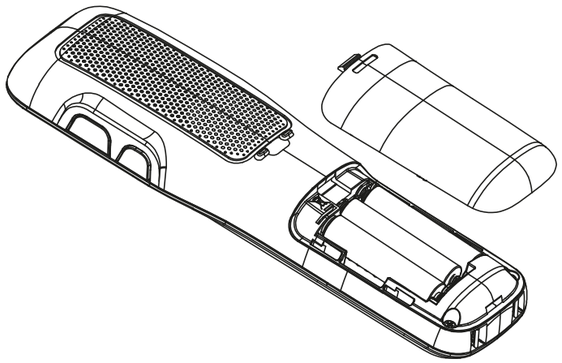
DECT595FOTO_WH HS
EXPLODED DRAWING

DRAWNG NO. 69-002200 | TOOL NO. N/A

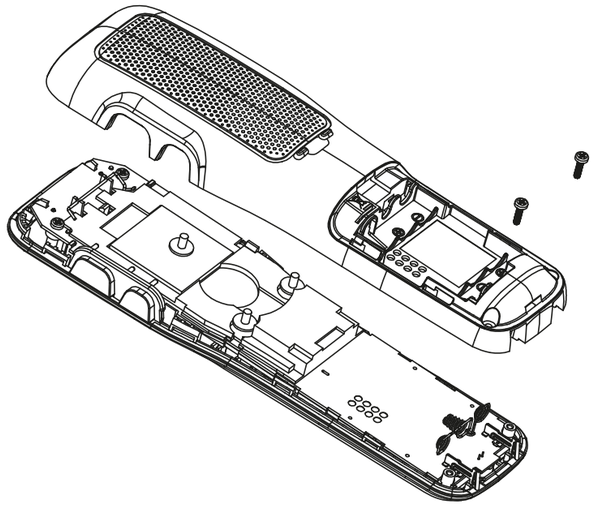
MATERIAL N/A

FINISH N/A

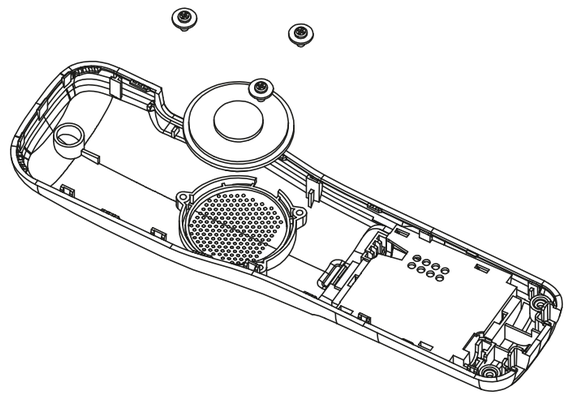
DWG. NO. 69-002200 REV. 0



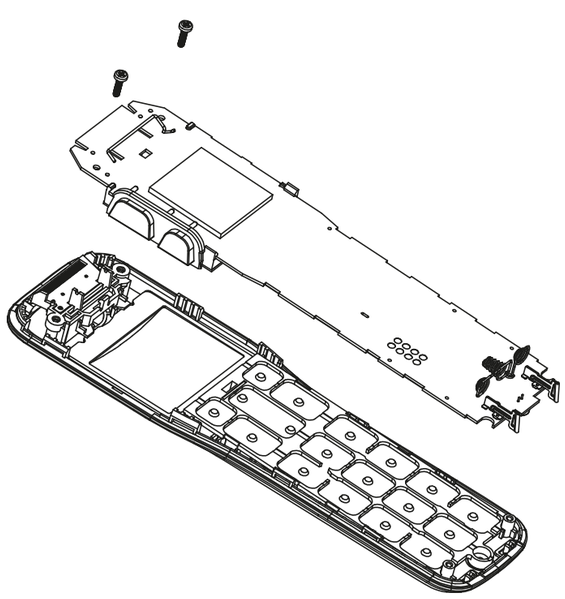
STEP 1:
OPEN BATTERY DOOR



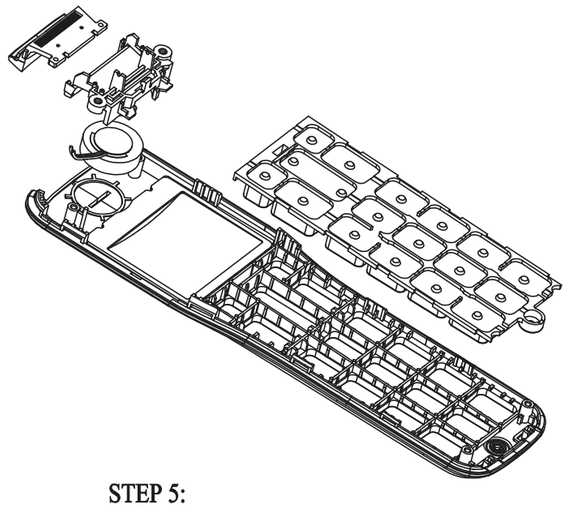
STEP 2:
OPEN HS REAR CASE WITH SCREW DRIVER



STEP 3:
REMOVE SPEAKER WITH SCREW DRIVER AND DESOLDER SPEAKER WIRE TO REPLACE NEW SPEAKER

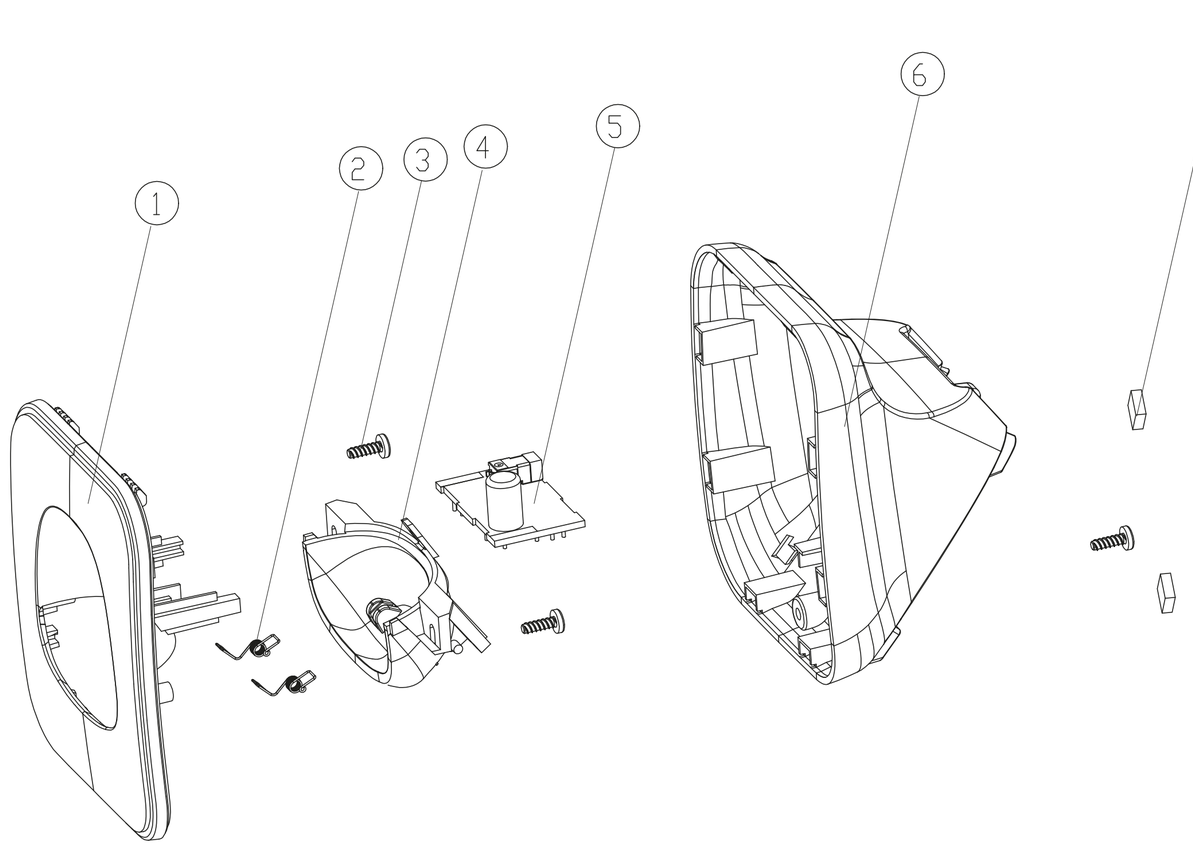


STEP 4:
DISPART HS MAIN PCB WITCH SCREW DRIVER



STEP 5:
DISPART RECEIVER BRACKET AND REPLACE NEW RECEIVER.

REVISION					
REV	ZONE	DESCRIPTION	DRAWN	CHECKED	DATE
0		RELEASE FOR PRODUCTION			May20,2025



ITEM	Part No.	DESCRIPTION	QTY
7	39-004386-010-400	RUBBER FOOT	2
6	30-010950-012-150	BTM CH	1
5	35-100466-000-100	PCBA	1
4	10-003032-002-100	SCREW M2.6X8.0	3
3	30-013569-112-110	CRADLE	1
2	34-005283-001-100	BS CHARGE CONTACT	2
1	30-013584-320-100	TOP CH	1

THIRD ANGLE PROJECTION

SIZE A2 | UNIT IN MM

FIRST USED ON DECT595FOTO_WH

TOLERANCE UNLESS OTHERWISE STATED
ONE D.P. (.X) ± 0.2
TWO D.P. (.XX) ± 0.10
HOLE DIA. VARIANCE ± 0.1
ANGULAR ±1/2°

SCALE NO SCALE

SHEET 1 / 1

CREATED BY
NAME
DATE May20,2025

CHECKED BY
NAME

GEEMARC TELECOM

TITLE
DECT595FOTO_WH HS
EXPLODED DRAWING

DRAWNG NO. 69-002200 | TOOL NO. N/A

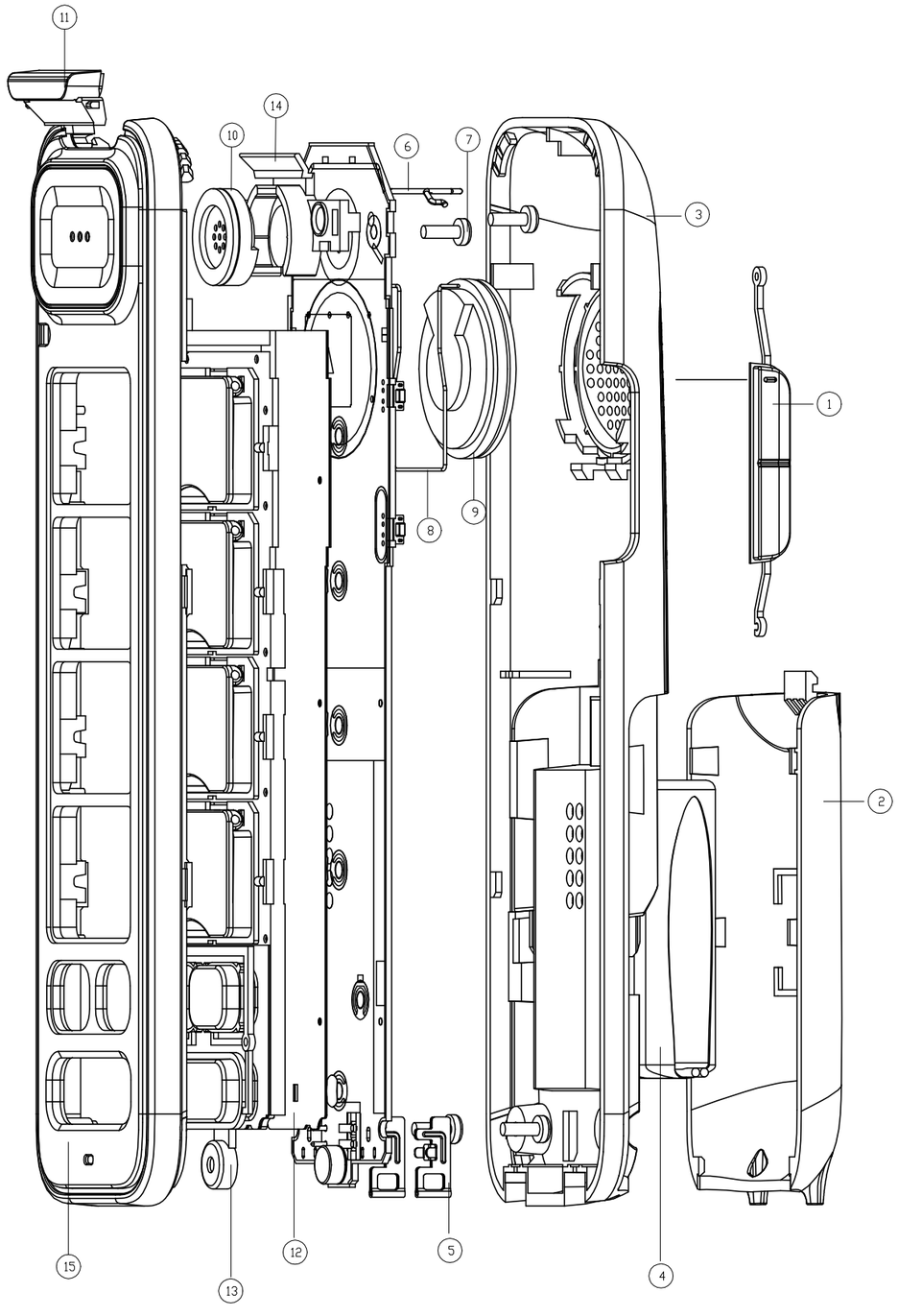
MATERIAL N/A

FINISH N/A

DWG. NO.69-002200 | REV. 0

A2

REVISION					
REV	ZONE	DESCRIPTION	DRAWN	CHECKED	DATE
0	ALL	RELEASE FOR PRODUCTION			04Jun2025



INDEX	PART NUMBER	COMPNANT NAME	QTY
1	30-017141-010-100	VOLUME KEY	1
2	30-015571-010-100	BATT DOOR	1
3	30-015570-002-100	HS REAR	1
4	29-224050-210-100	BATTERY	1
5	31-006733-000-100	CHARGE CONTACT	2
6	34-006357-000-100	METAL ATTENNA	1
7	10-001059-001-100	SCREW	4
8	34-005731-000-100	SPEAKER BRACKET	1
9	28-001189-019-102	SPERKER	1
10	28-001322-004-101	RECEIVER	1
11	30-015572-001-100	LIGHT GUIDE	1
12	35-200530-002-100	PCBA	1
13	39-080023-040-100	KEYPAD	1
14	30-015573-000-100	RECEIVER HOLDER	1
15	30-015569-031-100	HS FRONT	1

THIRD ANGLE PROJECTION

SIZE A2 | UNIT IN MM

FIRST USED ON PHOTODECT295

TOLERANCE UNLESS OTHERWISE STATED
ONE D.P. (.X) ± 0.2
TWO D.P. (.XX) ± 0.1
HOLE DIA. VARIANCE ± 0.1
ANGULAR ± 0.5°

SCALE NOT IN SCALE

SHEET 1 OF 1

CREATED BY
NAME
DATE 04Jun2025
CHECKED BY
NAME

GEEMARC TELECOM

TITLE
HS EXPLODED DRAWING

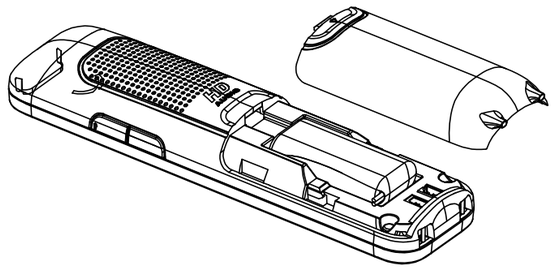
DRAWNG NO. 69-000637

TOOL NO. N/A

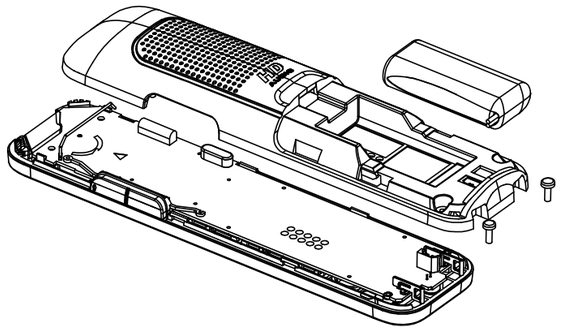
MATERIAL N/A

FINISH N/A

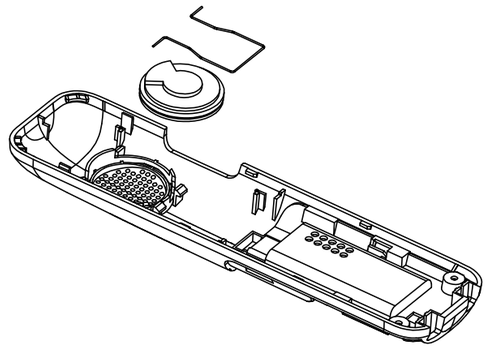
DWG. NO. 69-000637 REV. 0



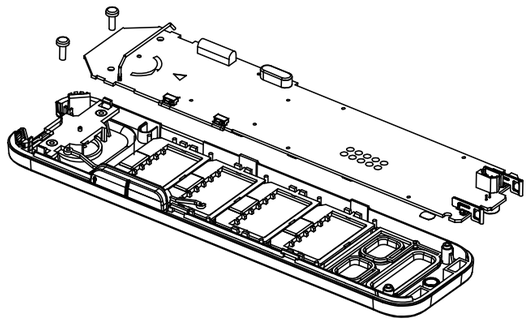
STEP 1:
OPEN BATTERY DOOR



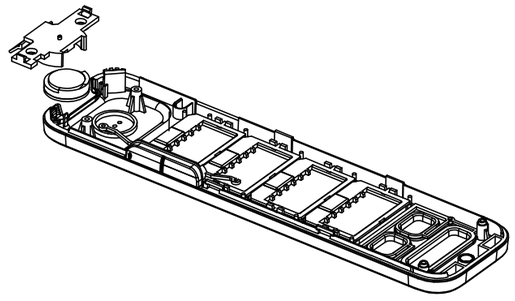
STEP 2:
OPEN HS REAR CASE WITH
SCREW DRIVER



STEP 3:
REMOVE SPEAKER BRACKET
AND DESOLDER SPEAKER WIRE
TO REPLACE NEW SPEAKER

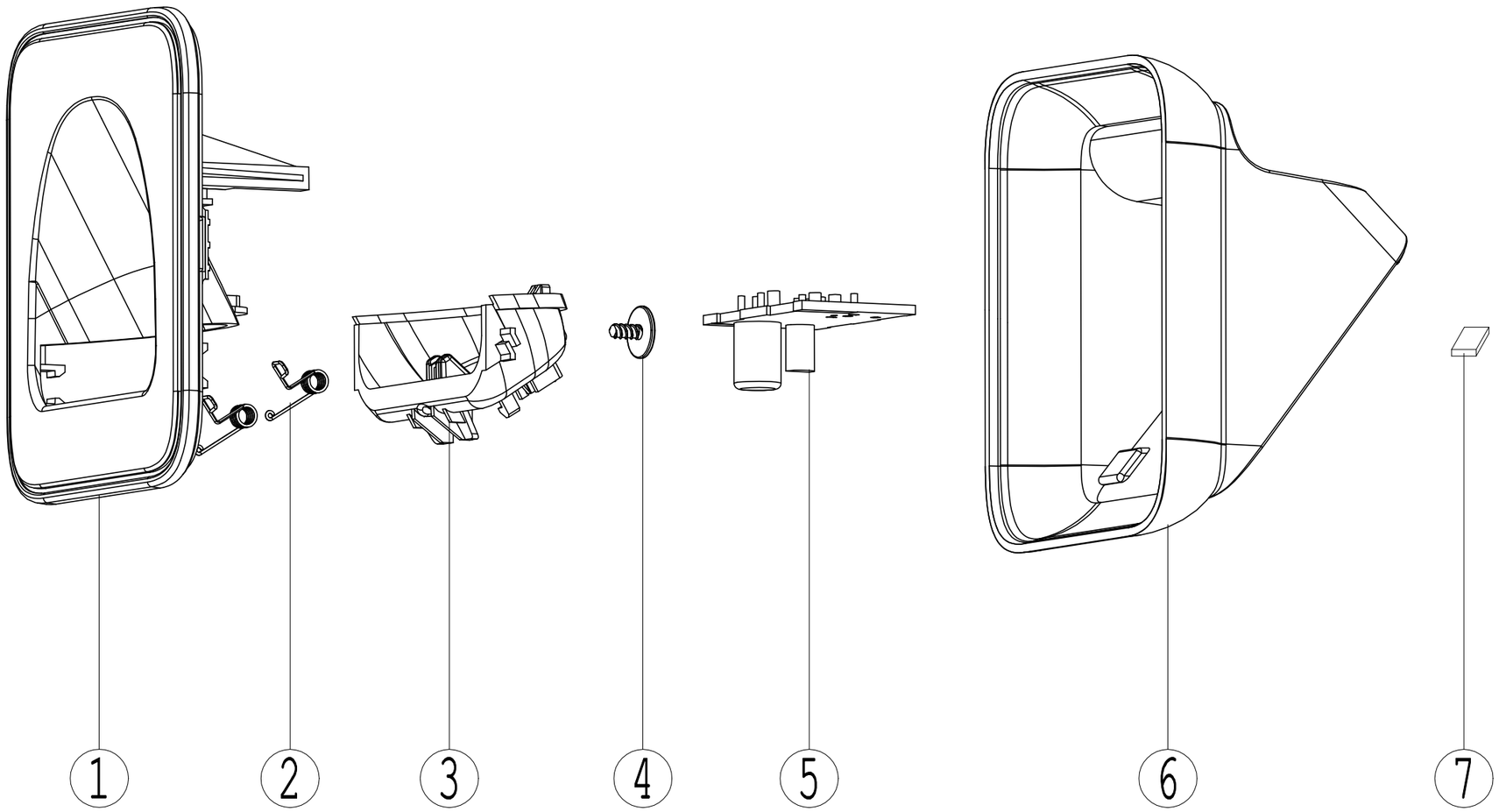


STEP 4:
DISPART HS MAIN PCB WITH SCREW DRIVER



STEP 5:
DISPART RECEIVER BRACKET AND REPLACE NEW
RECEIVER.

REVISION					
REV	ZONE	DESCRIPTION	DRAWN	CHECKED	DATE
0	ALL	RELEASE FOR PRODUCTION			04Jun2025



ITEM	Part No.	DESCRIPTION	QTY
7	39-004386-010-400	RUBBER FOOT	2
6	30-015601-001-140	CH BOTTOM	1
5	35-100212-000-100	CH POWER PCB	1
4	10-001124-001-100	SCREW	1
3	30-015579-000-100	BS CRADLE	1
2	34-006100-000-100	CHARGER SPRING	2
1	30-015578-040-100	TOP CH	1

THIRD ANGLE PROJECTION

SIZE A3 UNIT IN MM

FIRST USED ON PHOTODECT295

TOLERANCE UNLESS OTHERWISE STATED
ONE D.P. (.X) ± 0.2
TWO D.P. (.XX) ± 0.1
HOLE DIA. VARIANCE ± 0.1
ANGULAR ± 0.5°

SCALE NOT IN SCALE

SHEET 1 OF 1

CREATED BY

NAME

DATE 04Jun2025

CHECKED BY

NAME

GEEMARC TELECOM

TITLE
CH EXPLODED DRAWING

DRAWNG NO. 69-000637

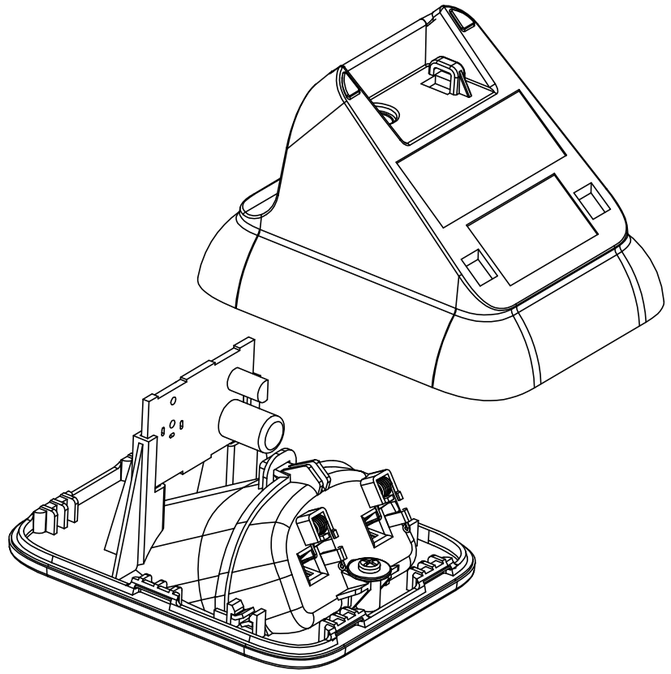
TOOL NO. N/A

MATERIAL N/A

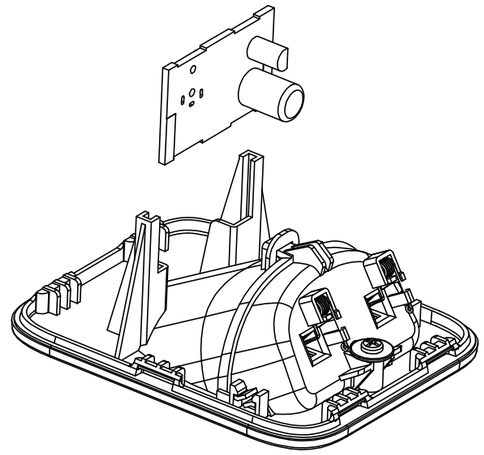
FINISH N/A

DWG. NO. 69-000637 REV. 0

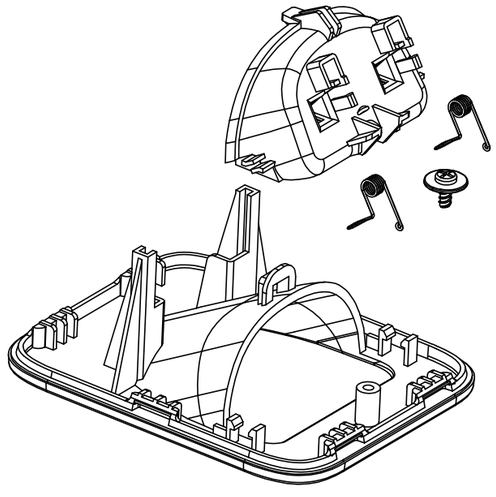
A3



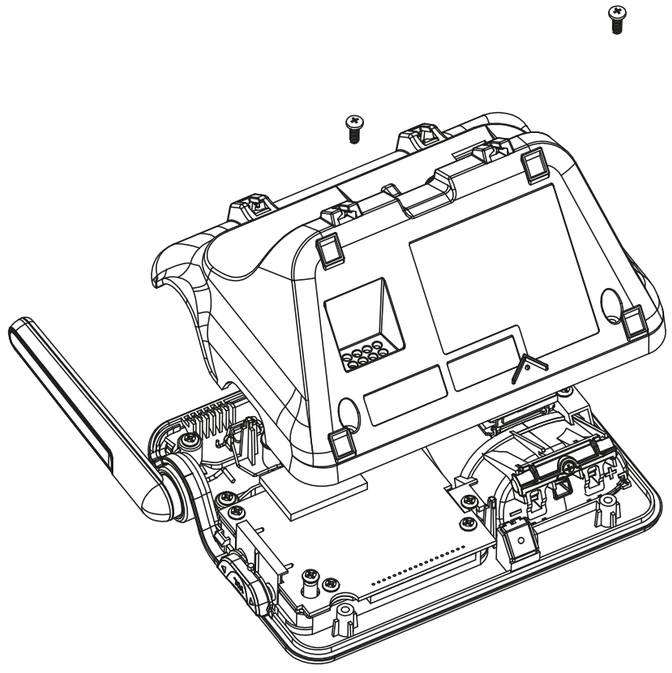
STEP 1:
OPEN CHARGER BOTTOM



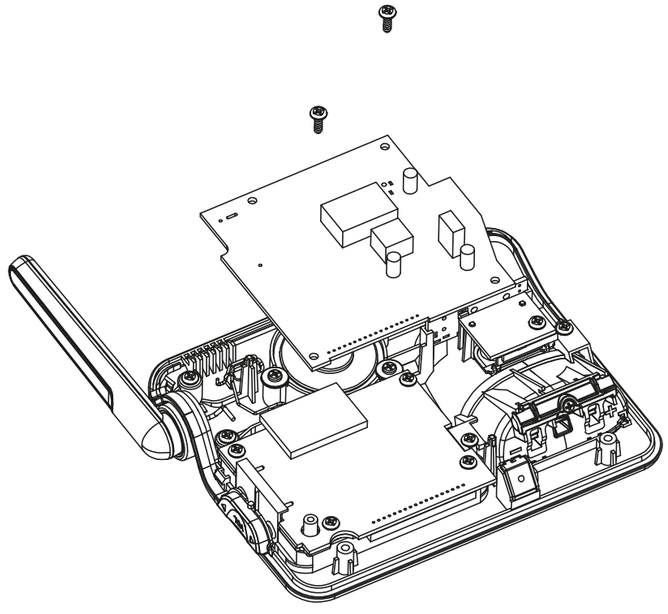
STEP 2:
DISPART CHARGER POWER JACK PCB



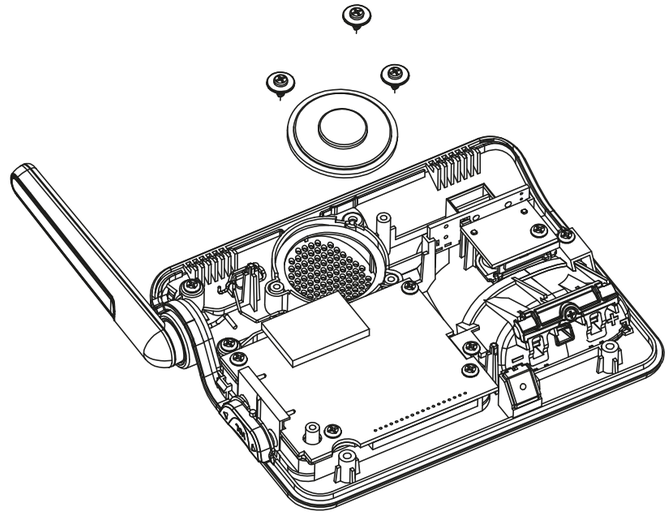
STEP 3:
DISPART CHARGER CONTACT ASSEMBLY PART WITH SCREW DRIVER AND REPLACE NEW CHARGER SPRING



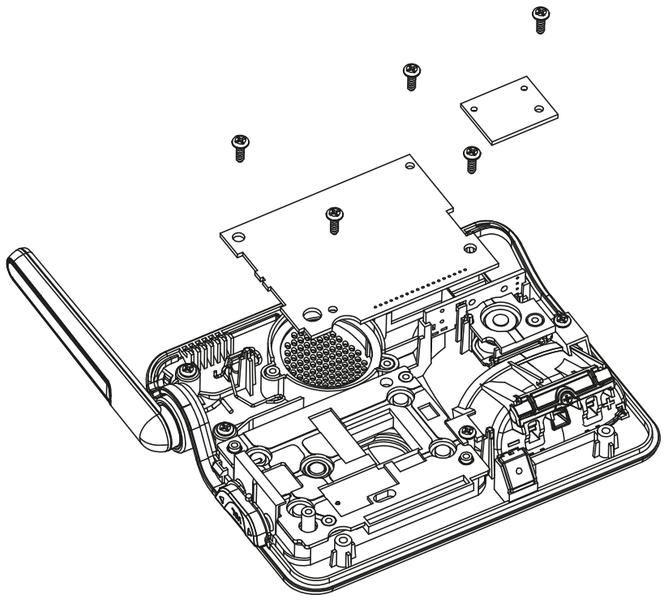
STEP 1:
OPEN BASE BOTTOM CASE
WITH SCREW DRIVER



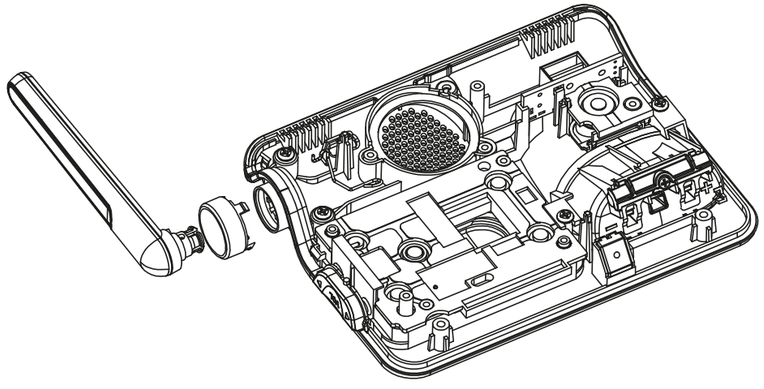
STEP 2:
DEPART MAIN PCB WITH
SCREW DRIVER



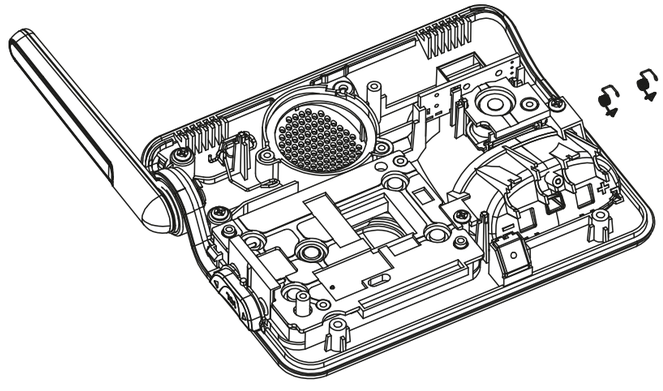
STEP 3:
DEPART SPEAKER WITH SCREW DRIVER AND REPLACE
WITH NEW SPEAKER



STEP 4:
DEPART KEYBOARD PCB

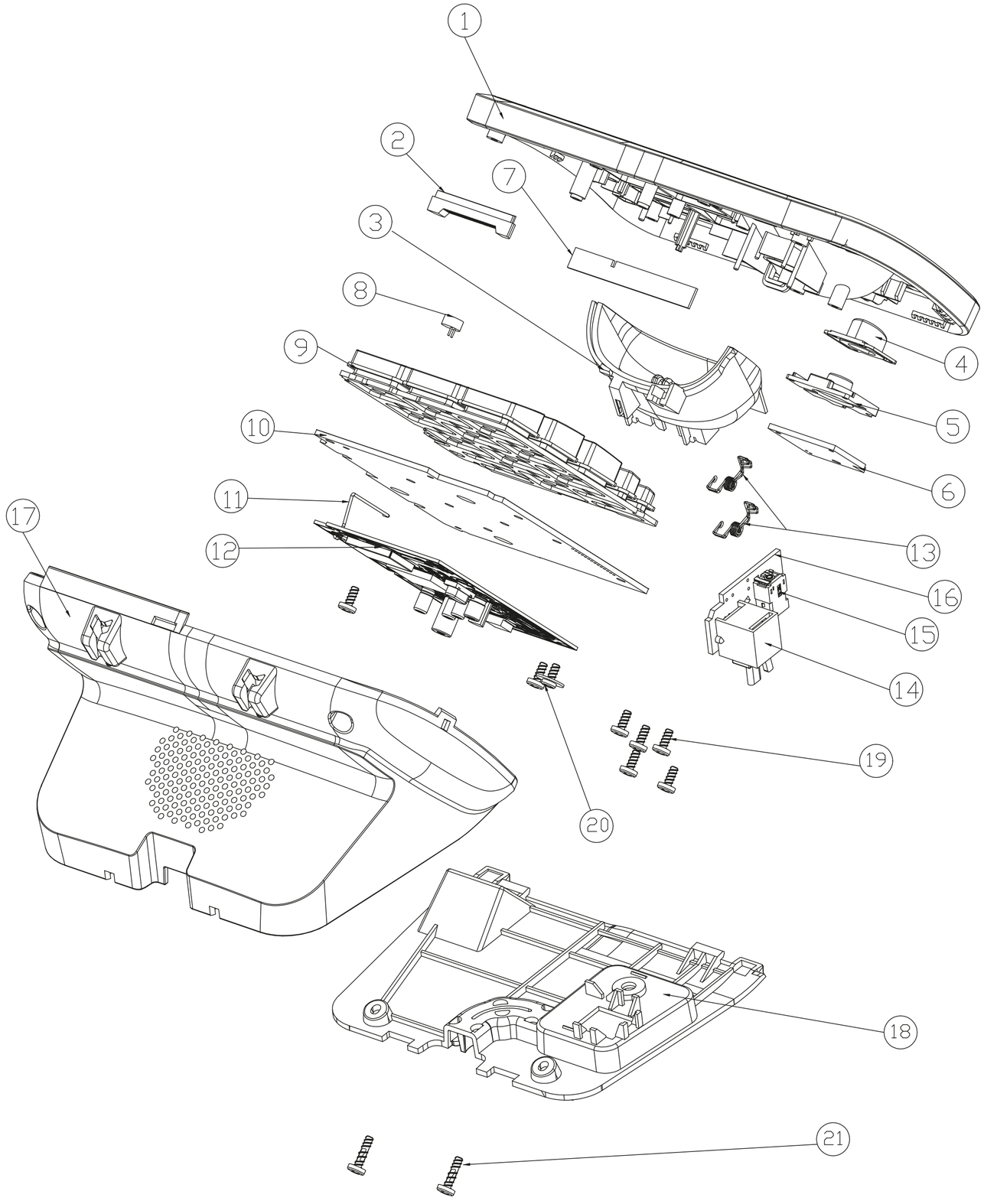


STEP 5:
DEPART ANTENNA LOCKER AND REPLACE WITH NEW
ANTENNA ASSEMBLY PART



STEP 6:
DEPART CHARGER CONTACT AND REPLACE NEW
CHARGER SPRING

REVISION					
REV	ZONE	DESCRIPTION	DRAWN	CHECKED	DATE
0		RELEASE FOR PRODUCTION			May20,2025



ITEM	Part No.	DESCRIPTION	QTY
21	10-003032-002-100	SCREW (VTTS);PTS;STL;M2.6X8.0;BB(+);UNDEFINED;BLUE ZN;3+CR;	5
20	10-001124-001-100	SCREW (VTTS);PTS;STL;M2.6X5.0XWD9.0;WASHER PB(+);	4
19	10-003031-001-100	SCREW (VTTS);PTS;STL;M2.6X6.0;BB(+);UNDEFINED;BLUE ZN;3+CR;	10
18	30-013576-023-110	BS COVER	1
17	30-013573-040-120	BS BOTTOM	1
16	40-006985-000-100	DC POWER JACK (VTTS);TYPE(E) BLK HORIZONTAL;	1
15	40-005062-003-167	TEL JACK;623K PCB;6P2C;;;BLACK;;PDNI20U;	1
14	35-008516-002-100	PCB SS;POWER;CRL32202;BS;;FR1-94V0;1.6;BARE CU;	1
13	34-005283-001-100	BS CHARGER SPRING	2
12	35-200910-000-100	BS MAIN PCB	1
11	34-006860-000-100	BS ANTENNA	1
10	35-100433-000-100	BS KEY PCB	1
9	39-080164-002-100	BS KEYPAD	1
8	28-001057-039-100	BS MIC	1
7	35-100442-000-100	BS PCB ANTENNA	1
6	35-008517-000-100	BS PAGE KEY PCB	1
5	39-008427-000-400	BS PAGE RUBBER KEY	1
4	30-013582-030-100	BS PAGE KEY	1
3	30-018526-000-100	BS CRADLE	1
2	30-018525-000-100	BS LIGHTGUIDE	1
1	30-018523-000-100	BS TOP	1

THIRD ANGLE PROJECTION

SIZE A2 | UNIT IN MM

FIRST USED ON DECT595FOTO_WH

TOLERANCE UNLESS OTHERWISE STATED
ONE D.P. (.X) ± 0.2
TWO D.P. (.XX) ± 0.10
HOLE DIA. VARIANCE ± 0.1
ANGULAR ±1/2˚

SCALE NO SCALE

SHEET 1 / 1

CREATED BY
NAME
DATE May20,2025

CHECKED BY
NAME

GEEMARC TELECOM

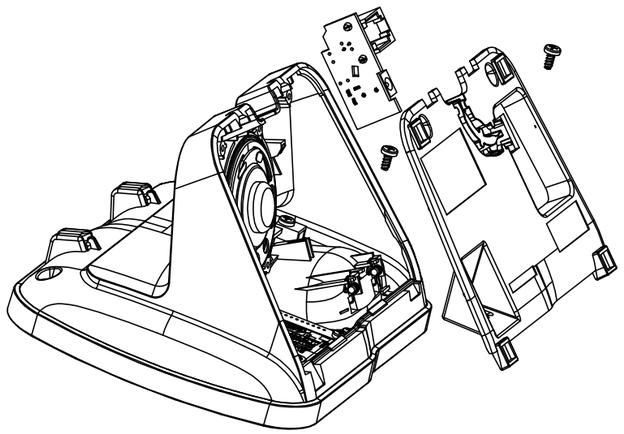
TITLE
DECT595FOTO_WH BS
EXPLODED DRAWING

DRAWNG NO. 69-002200 | TOOL NO. N/A

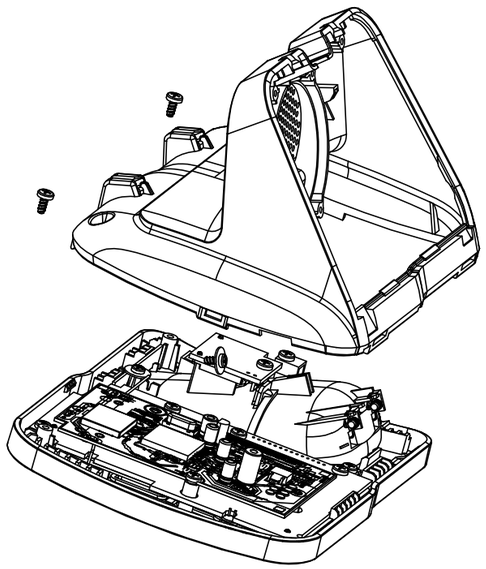
MATERIAL N/A

FINISH N/A

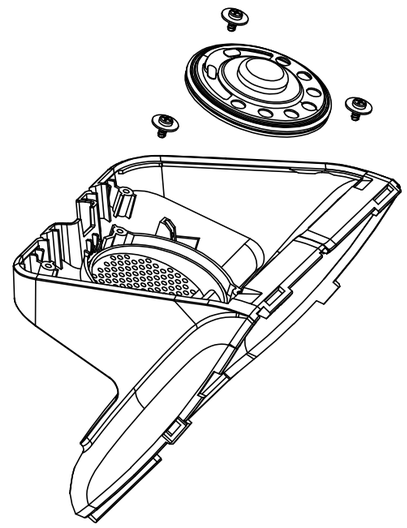
DWG. NO. 69-002200 REV. 0



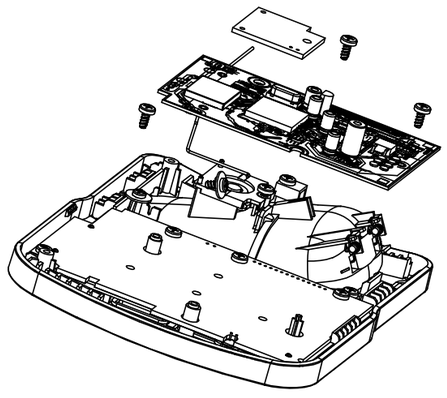
STEP 1:
OPEN BASE BOTTOM COVER WITH SCREW DRIVER AND DISPART POWER JACK PCB



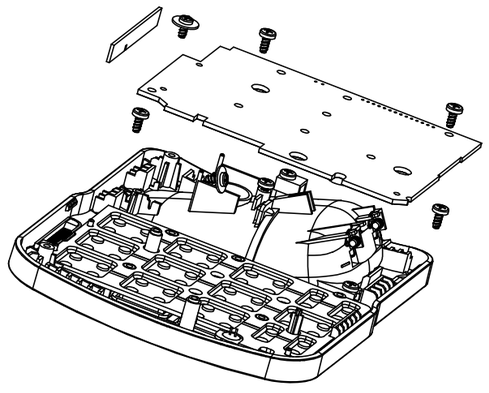
STEP 2:
OPEN BASE BOTTOM WITH SCREW DRIVER



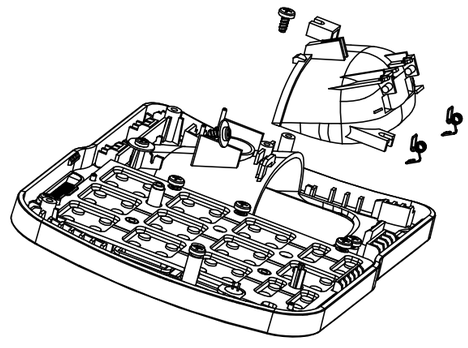
STEP 3:
REMOVE SPEAKER WITH SCREW DRIVER AND DESOLDER SPEAKER WIRE TO REPLACE NEW SPEAKER



STEP 4:
DISPART BASE PAGE KEY PCB AND BS MAIN PCB WITH SCREW DRIVER

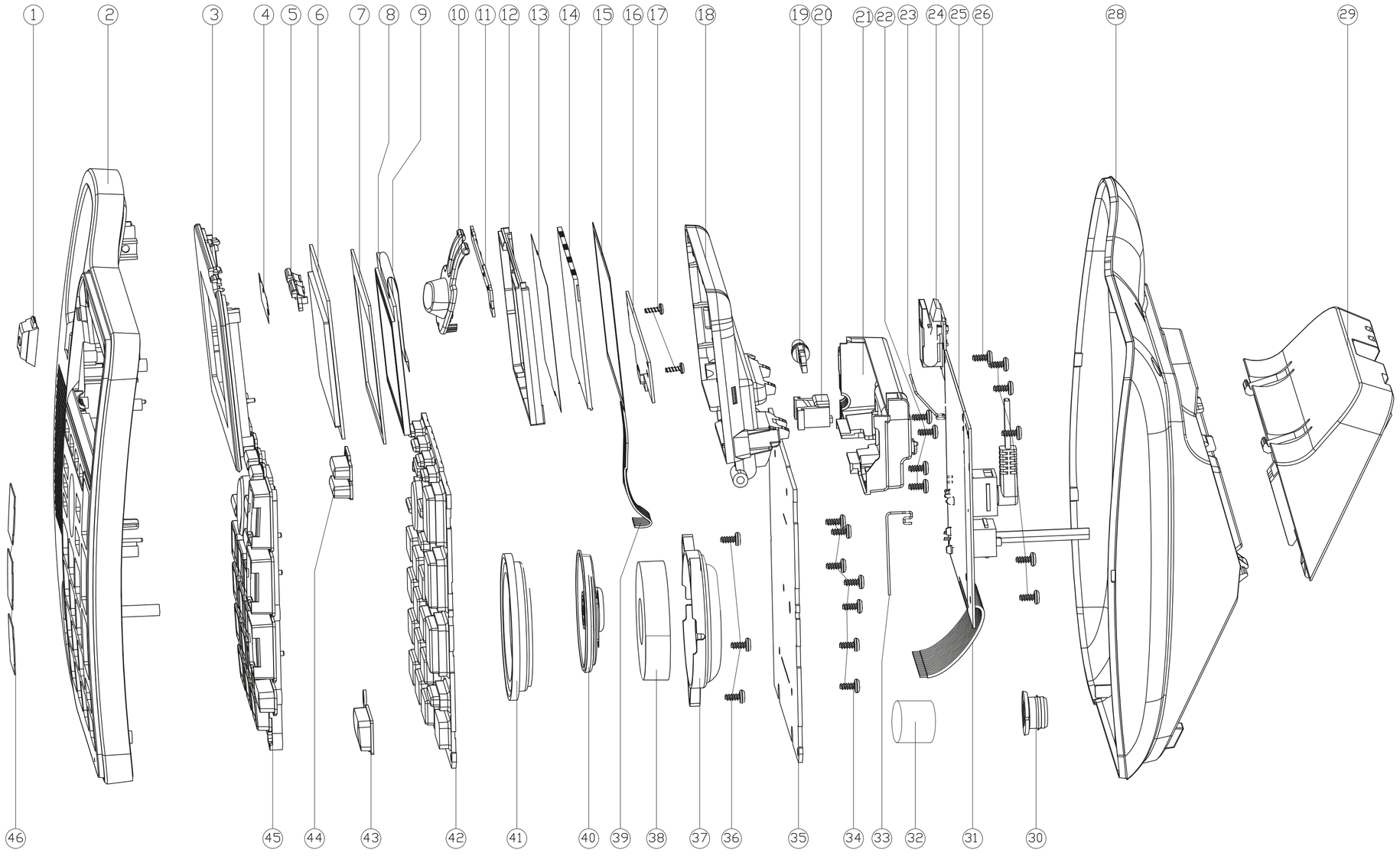


STEP 4:
DISPART BASE KEYBOARD PCB AND ANTENNA PCB WITH SCREW DRIVER



STEP 6:
DISPART CHARGER CONTACT ASSEMBLY PART WITH SCREW DRIVER AND REPLACE NEW CHARGER SPRING

REVISION					
REV	ZONE	DESCRIPTION	DRAWN	CHECKED	DATE
0		RELEASE FOR PRODUCTION			May20,2025



INDEX	PART NUMBER	COMPNANT NAME	QTY
46	32-000609-000-100	PC SHEET	3
45	30-016250-160-100	HARD KEYS	1
44	30-016251-090-110	ANS KEYS	1
43	30-016252-060-100	SPEAKER KEY	1
42	39-060148-000-400	RUBBER KEYS	1
41	39-030142-000-400	SPERKER RING	1
40	28-XXXXXX-XXX-100	SPERKER	1
39	46-XXXXXX-XXX-400	FLAT CABLE	1
38	39-008321-000-100	SPEAKER SPONGE	1
37	30-013522-XXX-100	SPEAKER BRACKET	1
36	10-003031-001-100	SCREW 2.6x6	3
35	35-XXXXXX-XXX-XXX	KEY BOARD	1
34	10-001059-001-100	SCREW 2.0X6.0	7
33	34-006573-000-100	ANTENNA	1
32	39-XXXXXX-XXX-XXX	MIC SPONGE	1
31	46-XXXXXX-XXX-400	FLAT CABLE	1
30	39-004765-000-100	MIC HOLDER	1
29	30-013523-XXX-100	BS WALL MOUNT	1
28	30-013511-XXX-100	BS BOTTOM	1
27	10-003031-001-100	SCREW 2.6x6	6
26	35-XXXXX-XXX-XXX	MAIN PCB	1
25	35-XXXXX-XXX-XXX	MAIN PCB	1
24	35-XXXXX-XXX-XXX	HOOK PCB	1
23	34-XXXXX-XXX-100	ANTENNA	1
22	10-003031-001-100	SCREW 2.6x6	4
21	30-016266-001-100	INNE COVER	1
20	39-030143-001-400	friction Rubber	1
19	30-016257-000-100	BS LCD SHAFT	1
18	30-016254-001-110	LCD REAR	1
17	10-001059-001-100	SCREW 2.0X6.0	2
16	35-XXXXXX-XXX-XXX	LCD PCB	1
15	32-009628-000-100	LCD REFLECTOR FELT	1
14	30-014147-000-100	LCD DIFFUSER	1
13	32-009627-001-100	DIFFUSER FELT	1
12	30-016281-000-100	BS LCD BRACKET	1
11	35-XXXXXX-XXX-XXX	LED PCB	1
10	30-009550-020-100	HOOK KNOB	1
9	40-XXXXX-XXX-100	HEAT SEAL	1
8	43-XXXXXX-XXX-600	BS LCD	1
7	39-010191-000-400	LCD SPONGE	1
6	30-016255-000-100	BS LENS	1
5	30-016256-000-100	LIGHT GUIDE	1
4	32-000437-001-100	PET SHEET	1
3	30-016253-100-100	LCD FRONT	1
2	30-016249-071-100	BS TOP	1
1	30-013521-020-100	HOOK LOCK	1

DWG. NO. 69-002510 REV. 0

THIRD ANGLE PROJECTION

SIZE A2 UNIT IN MM

FIRST USED ON DECT595 COMBI WH VDE

TOLERANCE UNLESS OTHERWISE STATED

ONE D.P. (.X)	± 0.2
TWO D.P. (.XX)	± 0.10
HOLE DIA. VARIANCE	± 0.1
ANGULAR	±1/2˚

SCALE NO SCALE

SHEET 1 / 1

CREATED BY

NAME

DATE May20,2025

CHECKED BY

NAME

GEEMARC TELECOM

TITLE

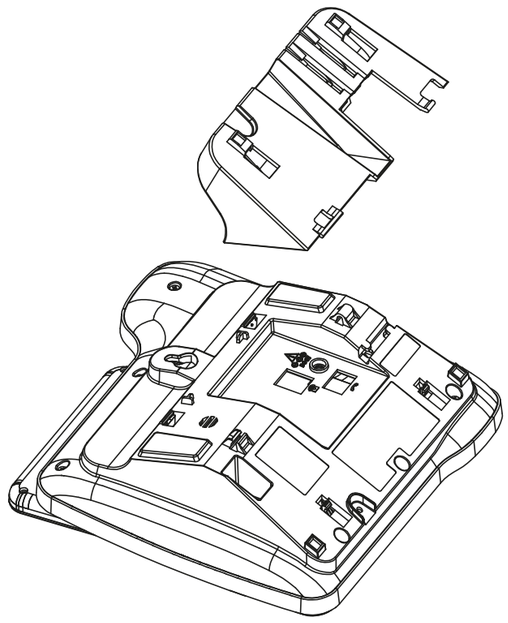
DECT595_COMBI_WH_VDE BS EXPLODED DRAWING

DRAWNG NO. 69-002510

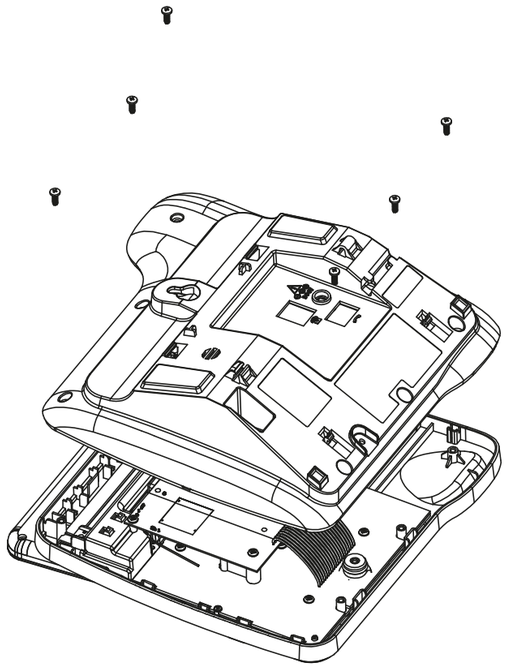
TOOL NO. N/A

MATERIAL N/A

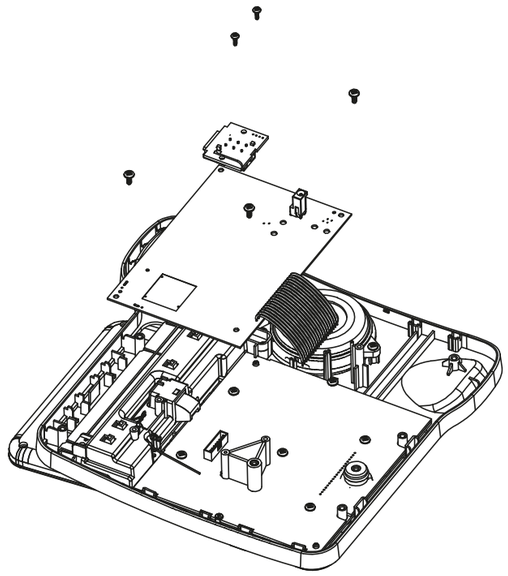
FINISH N/A



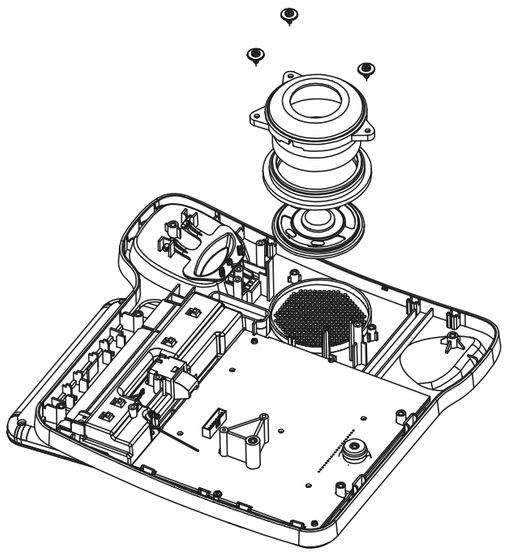
STEP 1:
OPEN AND DISPART WALL MOUNT



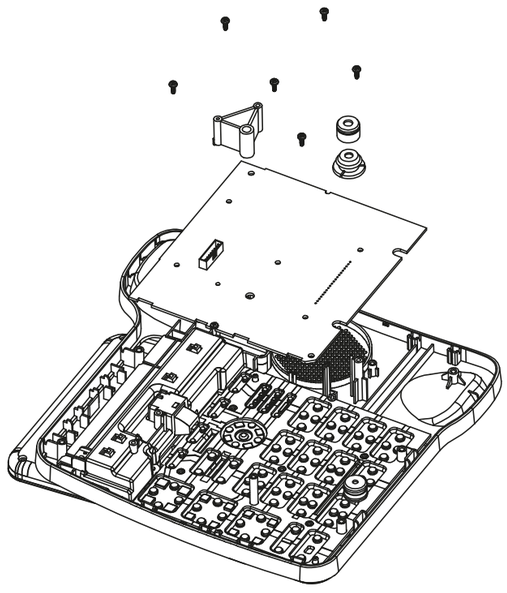
STEP 2:
OPEN BASE BOTTOM CASE
WITH SCREW DRIVER



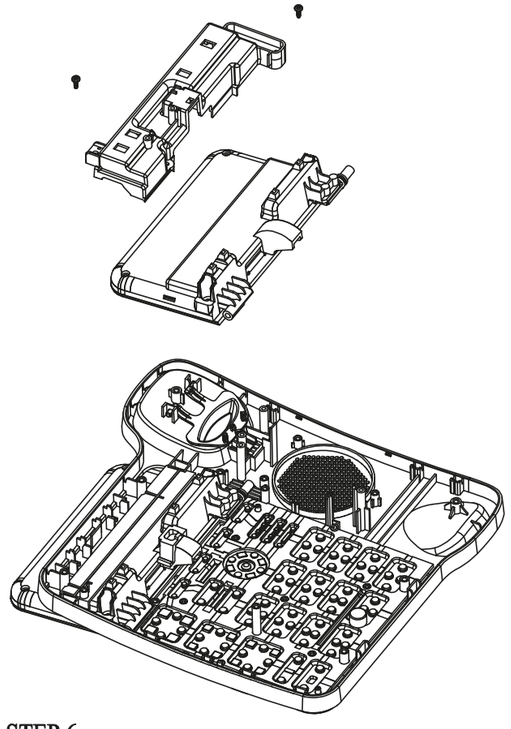
STEP 3:
DEPART MAIN PCB WITH
SCREW DRIVER



STEP 4:
DEPART SPEAKER WITH SCREW DRIVER AND REPLACE
WITH NEW SPEAKER

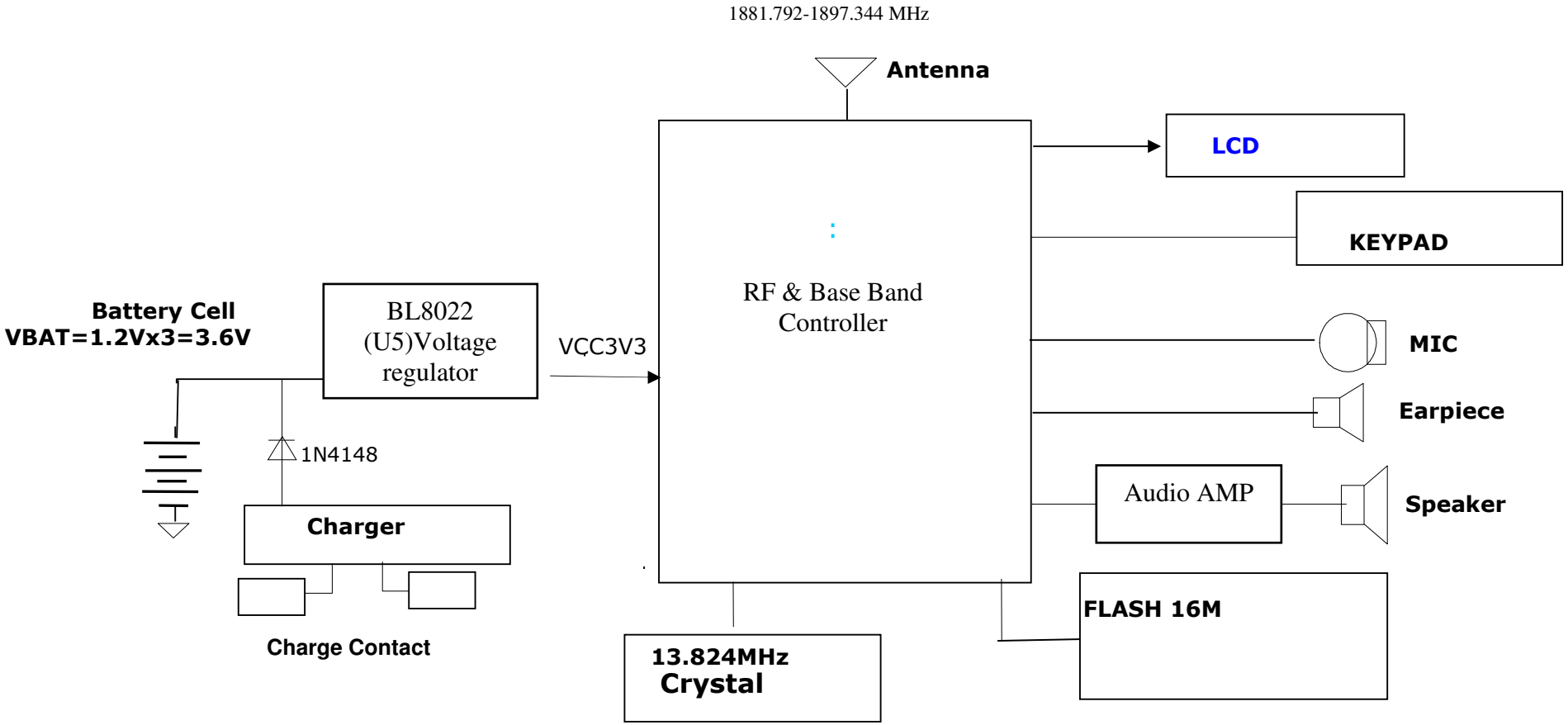


STEP 5:
DEPART KEYBOARD PCB AND REPLACE MIC

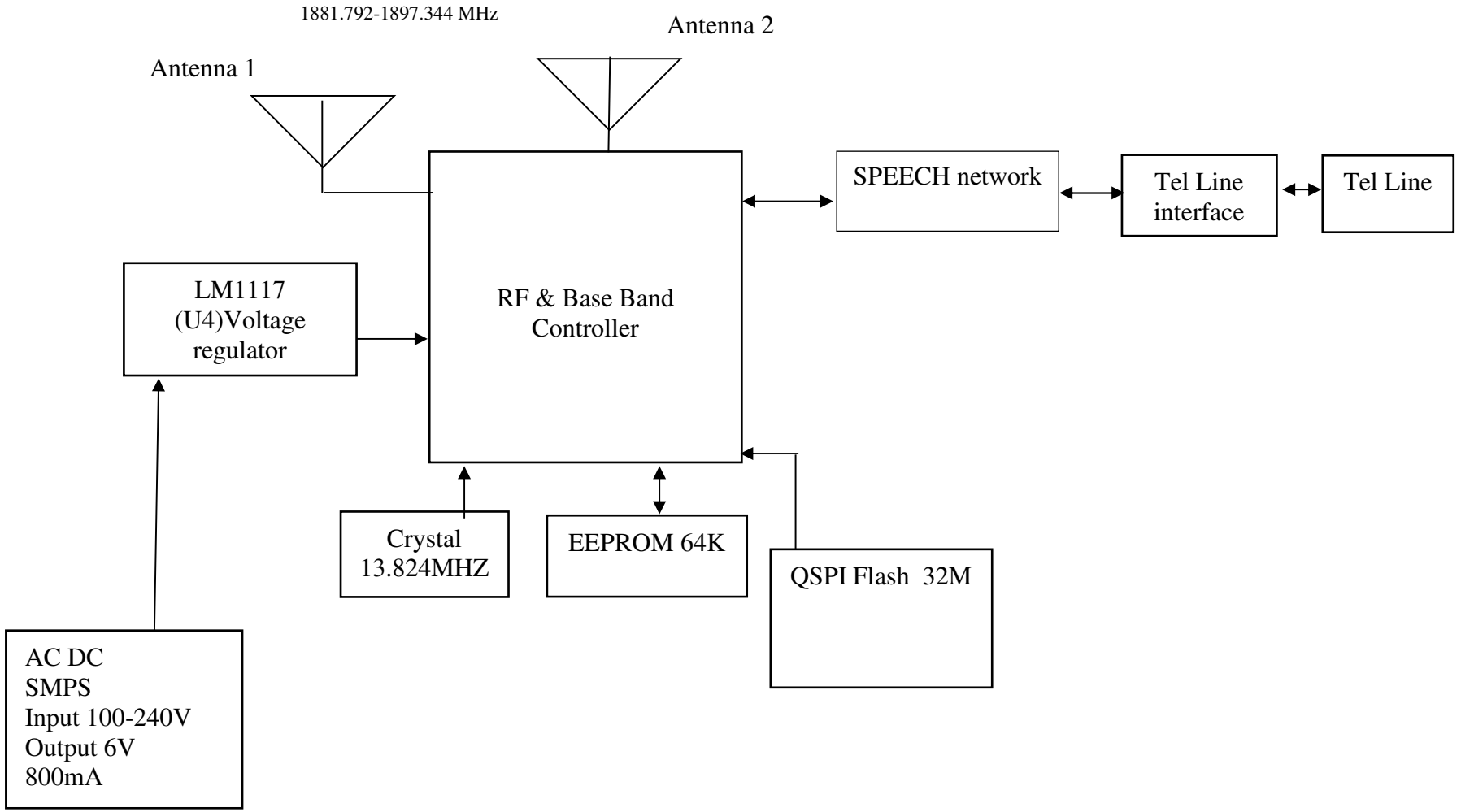


STEP 6:
DEPART LCD MODULE WITH SCREW DRIVER

1. Handset


1881.792-1897.344 MHz
Antenna
LCD
KEYPAD
RF & Base Band
Controller
MIC
Earpiece
Audio AMP
Speaker
FLASH 16M
Battery Cell
VBAT=1.2Vx3=3.6V
BL8022
(U5)Voltage
regulator
VCC3V3
1N4148
Charger
Charge Contact
13.824MHz
Crystal

1. **Base**

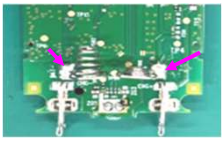
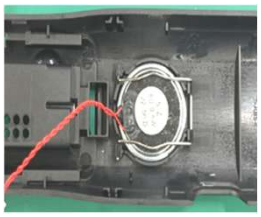
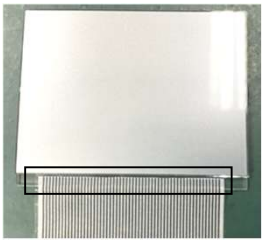
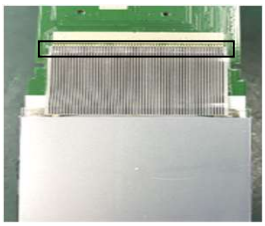
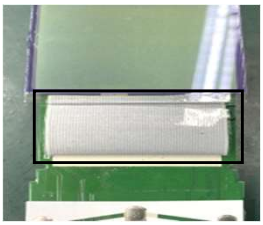

1881.792-1897.344 MHz
Antenna 2
Antenna 1
SPEECH network
Tel Line interface
Tel Line
LM1117 (U4)Voltage regulator
RF & Base Band Controller
Crystal 13.824MHZ
EEPROM 64K
QSPI Flash 32M
AC DC SMPS Input 100-240V Output 6V 800mA

Model list

DECT595FOTO_WH	80-2200-02-00
DECT595-2FOTO_WH	80-2200-00-00
DECT595ULE_WH	80-2523-03-00
DECT595-2ULE_WH	80-2523-07-00
DECT595ULEHS_WH	80-2523-05-00
DECT595_COMBI_WH	80-2510-01-00
CL595_WH	80-1615-03-00
SOSPRO595 Pendant	80-3251-00-00

	Model name	Picture	Descriptiion	Part Number	Price
Handset & Charger	AMPLIDECT595 Handset		Microphone	28-001057-025-100	Please contact our helpline
			Receiver	28-001175-003-100	
			Speaker	28-002060-000-100	
			LCD module	43-023173-104-100	
			DC Socket inside the charger	40-006983-000-100	
			NiMH AAA Battery Cell	29-112060-202-100	
			HS battery door	30-018949-000-100	
			Sidekey keypad	39-060370-010-100	
			Keypad	39-060369-010-100	
			Charger Unit	85-001639-014-000	
			DC Socket inside the charger	40-006983-000-100	
			Power Supply Unit (EU)	26-460045-2EU-116	
			Power Supply Unit (UK)	26-460045-2UK-112	
	SOSPRO595 Pendant		Microphone	28-001297-000-101	Please contact our helpline
			Speaker	28-002094-003-100	
			Front Keypad	39-008580-090-100	
			Rear Keypad	39-008579-070-100	
			Li-Ion Battery Pack	29-337032-400-100	
			Power Supply Unit (EU)	26-460045-7EU-161	
			Charger Unit	85-003251-001-000	
Base	AMPLIDECT595-PHOTO		Microphone	28-001057-042-100	Please contact our helpline
			Speaker	28-001295-006-100	
			DC Socket	40-006985-000-100	
			Keypad plastic set	39-080164-002-100	
			Page Key silicon mat	39-008427-000-400	
			Power Supply Unit (EU)	26-460060-4EU-113	
			Power Supply Unit (UK)	26-460060-4UK-113	
	AMPLIDECT595 ULE		Speaker	28-001413-000-100	Please contact our helpline
			DC Socket	40-006985-000-100	
			Volume Keypad silicon mat	39-007664-000-400	
			Keypad silicon mat	39-007663-000-400	
			Power Supply Unit (EU)	26-460060-4EU-116	
			Power Supply Unit (UK)	26-460060-4UK-113	
	AMPLIDECT COMBI 595 & CL595		Microphone	28-001166-020-100	Please contact our helpline
			Microphone for the corded handset	28-004036-001-100	
			Receiver for the corded handset	28-003001-000-100	
			Speaker	28-002064-000-100	
			LCD glass	43-023183-100-100	
			DC Socket	40-006984-000-100	
			Keypad plastic set	30-016250-160-100	
			Keypad silicon mat	39-060148-000-400	
			Power Supply Unit (EU)	26-460080-4EU-108	

Instruction for Repairing

Operation	Procedure	Tools	Picture for reference
Replacing the battery contacts (for AD595 and Liberty)	1. Place the PCB board on a workbench securely. 2. Remove the existing contacts from the PCB with a Soldering Iron. 3. Insert the springs into the PCB holes, weld the position with arrows. 4. Once the welding is complete, inspect the solder joints. If they are not satisfactory, remove and rework them.	Anti-static strap (ESD wrist strap) Soldering Iron (Lead-free Soldering Tip) 390°C ± 20°C (Temperature setting range for soldering)	
Replacing the receiver	1. Place the PCB board on a workbench securely. 2. Remove the existing receiver from the PCB with a Soldering Iron. 3. Position the receiver and route the flexible wires to the PAD location. 4. Use the soldering iron to solder the receiver's PAD connections onto the PCB board. 5. Once the welding is complete, inspect the solder joints. If they are not satisfactory, remove and rework them.	Anti-static strap (ESD wrist strap) Soldering Iron (Lead-free Soldering Tip) 340°C ± 20°C (Temperature setting range for soldering)	
Replacing the speaker	1. Place the PCB board and the rear handset cabinet on a workbench securely. 2. 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 3. Remove the speaker wires from the PCB by using a soldering iron 4. 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. 5. Solder the wirings into the PCB by welding solder to the SPK PAD. 6. Once the welding is complete, inspect the solder joints. If they are not satisfactory, remove and rework them.	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	1.Place the PCB board and the rear handset cabinet on a workbench securely. 2.Remove the existing LCD from the PCB carefully, then take out the LCD bracket. 3.Remove the stain by rubbing with Alcoholic solvent. 4.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. 5.Take the high-temperature adhesive tape and cover the zebra strip. Punch the LCD with the hot-pressing machine. 6.Remove the high-temperature adhesive tape. 7.Test with the LCD function. If they are not satisfactory, remove and rework again.	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.

Anti-static wristband

Antistatic Workplace Mat

Tweezers, ESD protected

Opening tool

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

Torx Screwdriver T5

Kapton Tape

Silicone Tape

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