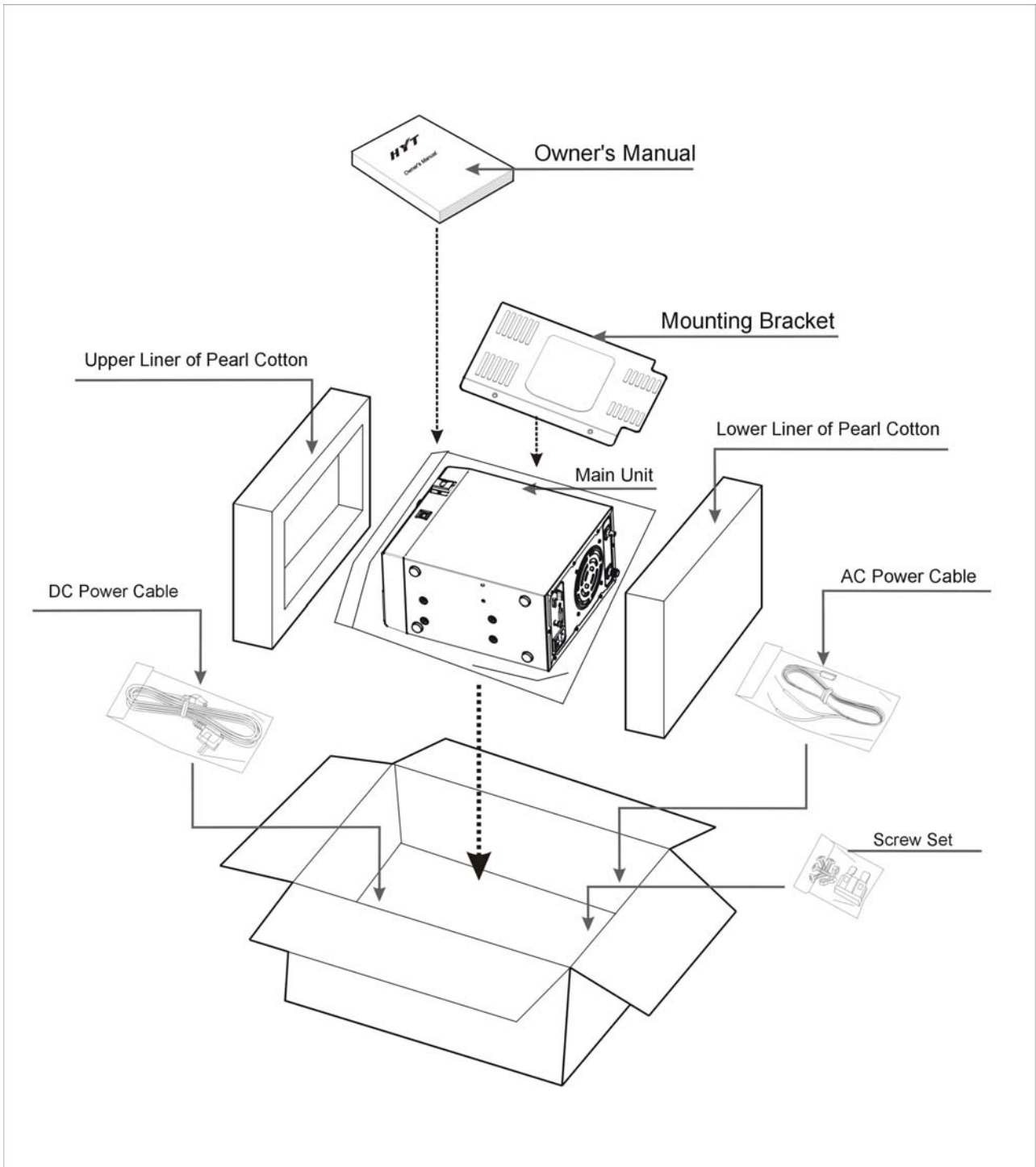


■ TR-800 Parts List 2

No.	Material No.	Material Name	Qty.
A	7207002200000	Nut M7.0*2.2mm	1
B	7203002400000	Nut M3.0*2.4mm	9
C	7103008001010	Machine screw M3.0*8.0mm	13
D	7102007020000	Self-tapping screw ST2.0*7.0mm	4
E	7103008020000	Self-tapping screw ST3.0*8.0mm	6
F	7103006001000	Machine screw M3.0*6.0mm	34
G	7103008001020	Machine screw M3.0*8.0mm	8
H	7104006000000	Machine screw M4.0*6.0mm	13
I	7204003001000	Nut M4.0*3.0mm	5
J	7104045000000	Machine screw M4.0*45.0mm	4
1	6000220000000	Front panel	1
2	6000221000000	Volume control Knob	1
3	6201066000000	Inner liner knob 0.20mm	1
4	6000232000010	LCD lens	1
5	6000222000000	SETUP button	1
6	5403000000040	HYT LOGO aluminum	1
7	7500068000000	LCD sponge	1
8	7400048010000	grill cloth 58*35mm	1
9	6100182000000	speaker	1
10	5001020000000	Speaker 16Ω 7W D: 35mm	1
11	6201176000000	speaker tableting	1
12	1302008000000	control board	1
13	3307110600020	LED L-483IDT red	1
14	3307110600010	LED L-483GDT green	1
15	3307110600050	LED L-483EDT orange	1
16	3307110600030	LED L-483YDT yellow	1
17	4301080000040	Momentary contact switch	1
18	5110000000110	LCD Module TM-800	1
19	4210400000100	repeater cable	2
20	5202015200000	HDB15/F socket (DIP)	3
21	5204008000000	RJ45 socket	1
22	4302030000040	Channel selector	1
23	3307990000080	LED LT5CB4-81-XA400714 ultra bright blue	2
24	4210080000700	Connecting cable of speaker (with 2 Pin plug) 2-core	2
25	6100135000000	silica rubber key	1
26	6201197000000	SM07 Hook	1
27	6201166000000	top cover	1
28	4200200000000	jumper cable	2

29	Optional	Duplexer	1
30	4220300000200	RF cable	1
31	6201171000000	duplexer bracket	1
32	4200400000200	power cable	1
33	4200250000200	power cable	1
34	6201170000000	bracket 0.8mmSECC	1
35	Optional	main radio (Slave radio)	2
36	4408100002000	RF adaptor	1
37	4408100003000	RF adaptor	1
38	4220250000100	RF cable	2
39	6201168000000	rear plate	1
40	5401000000050	DC fan 12Vdc 0.9A	1
41	5205000000240	AC socket L46.80*W27.40mm 3pin	1
42	4099000000150	Cartridge fuse	1
43	4399010000000	Power switch	1
44	7104008000000	GND lug	1
45	4210400000200	T expansion signal cable	1
46	6201192000000	spring lock washer	5
47	6201169000000	housing	1
48	4210250000000	DC jumper cable #14 250mm red	1
49	4210250000100	DC jumper cable #14 250mm black	1
50	4210250000200	DC jumper cable #14 250mm yellow	1
51	4210250000300	DC jumper cable #14 250mm green	1
52	3003991040010	Surface temperature sensor	1
53	4200050000000	power cable of fan (2 pin with plug) 50mm	1
54	5202002100000	Socket 2pin	1
55	5204002000000	DC power socket	1
56	4002000000030	ATO Fuse	2
57	4002000000040	ATO Fuse clamper	2
58	5202002100100	Pin socket	3
59	4200250000000	DC power cable #14 250mm red	1
60	4200250000100	DC power cable #14 250mm black	1
61	1302008000010	Power supply board	1
62	4200400000010	Connection cable	1
63	6201167000000	Base tray	1
64	7500147000100	Foot	4
65	1603S24000010	Switch power	1

■ Packing



■ Specifications

General	
Frequency range (Unit: MHz)	VHF:136MHz~174MHz;U5:350MHz~400MHz U1: 400MHz~470MHz; U2: 450MHz~512MHz
Channel capacity	512
Channel spacing	25KHz / 12.5KHz
Power supply requirement	13.8 V DC±20% / 88-264V AC 50/60Hz
Duty cycle	25W(100% Continuous) / 50W(VHF)45W(UHF)(50% Intermittent)
Power consumption	<1.8A Standby <2.5A Receive <13A @ 50/45W Transmit (13.8V dc)
Operating temperature range	-25°C ~ +60°C
Dimensions	190mm (W) × 310mm (H) × 362mm (D)
Weight	11kg
Receiver	
Sensitivity	<0.35uV@12dB SINAD
Adjacent channel selectivity	≥70dB(Wide) ≥60dB(Narrow)
Intermodulation response rejection	≥70dB
Spurious response rejection	≥75dB
Rated Audio Output Power	5W(Int.) 12W(Ext. @ 4Ω)
Rated Audio Distortion	≤3% (3W) ≤10% (5W)
Frequency stability	±2ppm@ -25°C ~ +60°C
Transmitter	
Carrier output power (Conducted)	25W / 50W(VHF) 45W(UHF)
Spurious emission	≤ -36dBm (below 1GHz)
Max. Frequency deviation	5KHz(Wide) / 2.5KHz(Narrow)
FM Hum and Noise	≥45dB(Wide) ≥40dB(Narrow)
Audio harmonic distortion	≤3% @ 60% Dev.
Frequency stability	±2ppm@ -25°C ~ +60°C

All Specifications are subject to change without notice due to continuous development.