



г. Санкт-Петербург

ООО "AT-PA"

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Integrated communication system

System composition

No.	Name & specification	Type	Weight	IP Rating
1.	Integrated communication	SZT-1	90-150kg	IP22
2.	Flush type command telephone	ZHQ-1	3.5kg	IP22
3.	Wall mounted command telephone	ZHG-1	4.0kg	IP44
4.	Command telephone mic socket box	YCQ-3	0.6kg	IP20
5.	Command telephone mic socket box	YCG-3	0.5 kg	IP44
6.	Weather proof command telephone mic socket box	YCG-3F	3.3kg	IP56
7.	Wall mounted type loudspeaker (0.5W/1W/2W/3W/5W)	YSQ	1.1kg	IP20
8.	Wall mounted loudspeaker (0.5W/1W/2W/3W/5W)	YSG	1.2kg	IP44
9.	Watertight loudspeaker (0.5W/1 W/2W/3W/5W)	YSP	2.8kg	IP56
10.	Ceiling type loudspeaker (0.5W/1 W/2W/3W/5W)	YSX	0.7kg	IP20
11.	Ceiling type loudspeaker (0.5W/1W/2W/3W/5W)	YSX	0.7kg	IP56
12.	Double sided loudspeaker (0.5W/1 W/2W/3W/5W)	YSS	1.2kg	IP20
13.	Volume control box	YTQ-1	0.1kg	IP20
14.	Horn type loudspeaker (5W)	YHC5-1	2.0kg	IP56
15.	Horn type loudspeaker (10W)	YHC10-1	2.5kg	IP56
16.	Horn type loudspeaker (15W)	YHC15-1	5.0kg	IP56
17.	Horn type loudspeaker (25W)	YHC25-1	8.0kg	IP56
18.	Horn type loudspeaker (50W)	YHC50-1	18.5kg	IP56
19.	Horn type loudspeaker (100W)	YHC100-1	19kg	IP56
20.	Horn type loudspeaker (200W)	YHC200-1	20kg	IP56
21.	Fiberglass antenna (1.2m)	HTX-1	4.1kg	IP56
22.	Fiberglass antenna (2.5m)	HTX-3	4.1kg	IP56
23.	Electric remote rotary platform	YXD-1	22kg	IP56
24.	Rotary platform controller	YXD-1K	1.4kg	IP22
25.	Desk type auto telephone	HAT-1	0.7kg	IP22

System composition

No.	Name & specification	Type	Weight	IP Rating
26.	Wall mounted type auto telephone	HAG-2	0.9kg	IP22
27.	Flush type auto telephone	HAQ-1	0.9kg	IP22
28.	Wall mounted type auto telephone	HAG-1	1.2kg	IP44
29.	Antinoise auto telephone	HAG-1T	1.2+0.7kg	IP44
30.	Weatherproof auto telephone	HAG-1F	8.7kg	IP56
31.	Flush light and buzzer unit	SG-3C	0.9kg	IP44
32.	Telephone terminal box	JT-4	0.049kg	IP20
33.	Telephone terminal box	JT-2	0.04kg	IP20

Functional description

summary

SZT-1 Integrated communication system is composed of SPC exchange and marine PA system.

1.1 Marine amplifier system

Having loudspeaker rated voltage output (AC120V) FM radio/MP3 MIC. amplifier General alarm interface

Remote control station interface, broadcast call / intercom between remote control stations Emergency talk function

Power failure sound and alarm With BK interface Overvoltage / overcurrent / temperature protection, independent output of power amplifier

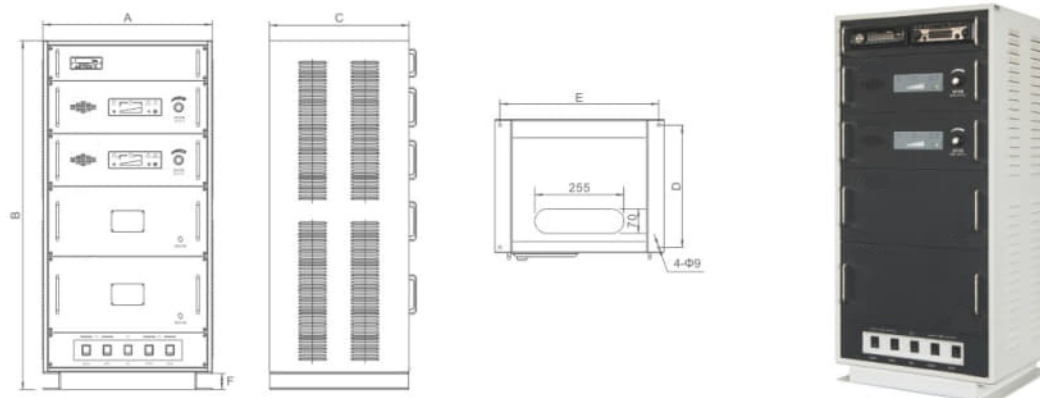
Level from high to low: emergency talk (alarming)>alarm control>command, master remote control station>2#~8#side remote station>telephone control> main unit microphone sound>The host sound and line input.

1.2 Program controlled exchange system

Inner communication and dialing outer line Multiparty communication User level can set and alter

Commander interface Remote broadcast Line interface Clock service

SZT-1 Integrated communication main unit



NO.	Power	TeL.UerS	Size (A/B/C/D/E/F)mm	Power consumption	Power supply	Colour	Shell material	IP rating	Weight(kg)
1	2×100	8-40	485/1000/400/350/455/46	2×250+250 W	2*AC220V±10%; 2*DC24V±10%	White RAL7035	Q235B	IP22	120
2	2×200			2×500+250 W					120
3	2×300			2×800+250 W					135
4	2×400			2×1200+250 W					135

ZHQ-1 ZHG-1 Command telephone

Specification

Colour: Dull black
 Shell material: Q235B
 Ringing loudness: >75dB
 IP rating: IP22/IP44
 Command conversation, conference phone,
 caller identification, speed dial



YCG-3 YCQ-3 Command telephone mic socket box

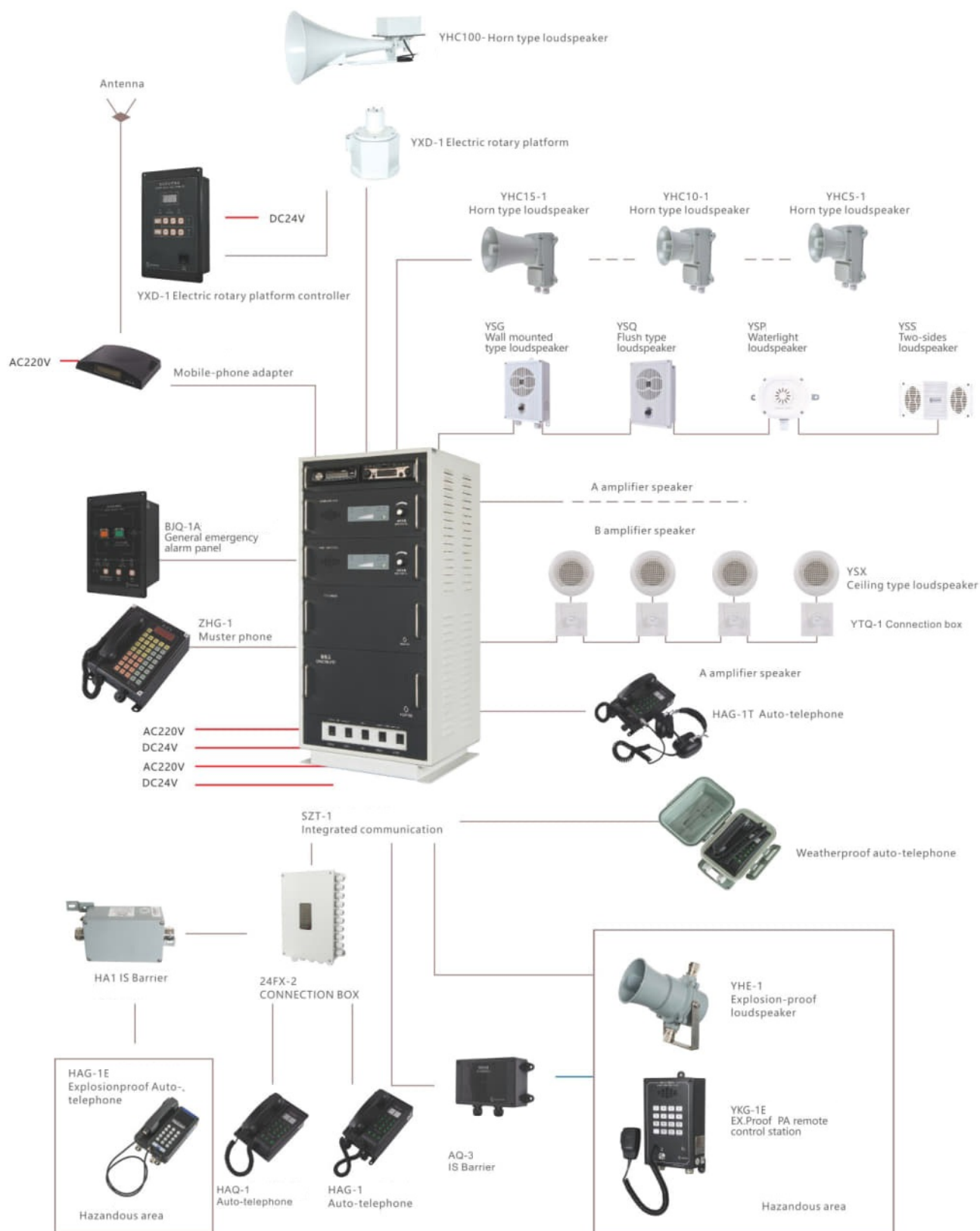
Specification

Colour: Dull black
 Shell material: ABS
 Cable gland: PG 13.5/-
 IP rating: IP44 (Wall-mounted)
 IP20 (Embedded)

Used with command telephone, the connect
 cable is 2 core line
 Need protection grade arrives at the Ip56 matched
 with a weatherproof box installation



SZT Integrated communication system schematic diagram



Integrated communication system wiring schematic diagram (Without loudspeaker)

