



TWO WAY RADIO

◆ANAGLO RADIO

模拟对讲机

◆DIGITAL RADIO

数字对讲机

◆PMR/FRS RADIO

PMR/FRS 对讲机

◆POC RADIO

公网对讲机



About us



Quanzhou GAOQIYI Electronic Technology Co., Ltd. was established in 2009 and is a professional manufacturer specializing in the design, development, and manufacturing of high-quality walkie talkies. We are committed to providing our customers with the most advanced and reliable wireless communication solutions, covering everything from basic analog walkie talkies to the latest digital walkie talkie systems, as well as a range of value-added services, including **OEM and ODM** services. For many years, we have provided reliable communication solutions for various industries, including but not limited to public safety, transportation, hotel services, property management, and more. Whether in extremely harsh environments or in daily operations, our products have demonstrated outstanding performance.

泉州市高奇异电子科技有限公司成立于2009年，是一家专业设计、开发、制造高品质对讲机的专业制造商。我们致力于为客户提供最先进、最可靠的无线通信解决方案，涵盖从基本模拟对讲机到最新数字对讲机系统的所有内容，以及一系列增值服务，包括OEM和ODM服务。多年来，我们为各个行业提供可靠的通信解决方案，包括但不限于公共安全、交通、酒店服务、物业管理等。无论是在极端恶劣的环境中还是在日常操作中，我们的产品都表现出了出色的性能。

TD-U3



BASIC PARAMETERS

External Dimensions	113.5X58x23.5mm
Antenna	51mm Φ14.3mm
Frequency Range	400-470MHZ
Number Of Channels	16
Channel Spacing	25kHz/12.5KHZ
Antenna Impedance	50Ω
Microphone Impedance	2.2kΩ
Working Voltage	4.2V
Frequency Stability	$\pm 2.5 \times 10^{-6}$
Whole Machine Weight	118.6g

TRANSMITTER

Carrier Frequency	$\pm 2.5 \times 10^{-6}$
Carrier Output Power	$\leq 3W$
Modulation Sensitivity	12+4mV
Modulation Distortion	$\leq 5\%$
Modulation Restrictions	$\leq 5kHz$
Occupying Bandwidth	$\leq 16 kHz$
Modulation Characteristics	Compared to the 6dB emphasis characteristic per octave band Deviation not exceeding $\pm 3dB$
Spurious Radiation	$\leq 7.5 \mu W$
Adjacent Channel Power	$\leq -65 dB$
Transmitting signal-to-noise ratio	$\geq 40 dB$

ACCEPT PART

Reference sensitivity	-119dBm	Audio response	Compared to 6dB per octave to emphasize the characteristics Deviation not greater than +2dB and not less than -10dB
Silent noise activation sensitivity	$\leq 0.22 \mu V$	Same channel suppression	$\geq -8 dB$
Audio power	1000mw	Block	$\geq 85 dB$
Audio distortion	$\leq 5\%$	Neighborhood selectivity	$\geq 65 dB$
Modulation reception bandwidth	$\geq \square \pm 7kHz \square$	Receiving Signal Noise	$\geq 40 dB$

TD-C900



Size	Weight	Type	Antenna
115*58*35mm	189g	Public network	External

Battery	Voltage	Receiver sensitivity	Charging type
≤3000MAH	DC 3.4V~4.2V	-106dBm	TYPE-C

Supporting frequency bands

FDD-LTE:B1/B2/B3/B4/B5/B7/B8/
B12/B17/B28A/B28B/B66



采用进口PC材料，铸造高品质
Using imported PC materials to manufacture
high-quality products



多重保护，防尘、抗压，防脱落
Multiple protections, dust-proof, pressure resistant,
and anti shedding



金属铝板，告别传统格调
Metal aluminum plate, faster heat dissipation

Frequency matching, instant interconnection



S5

Whole machine part		Launch section	
External size	116.5*60*37mm	carrier frequency tolerance	$\pm 2.5 \times 10^{-6}$
antenna	Is 80mm long and 15mm in diameter	RF output power	$\leq 37 \text{dBm} \pm 1.5 \text{dB}$
frequency range	400-470MHz	Modulation sensitivity	$12 \pm 4 \text{mV}$
Number of channels	16	modulation distortion	$\leq 5\%$
channel spacing	25kHz/12.5KHz	Modulation limit	$\leq 5 \text{kHz}$
antenna impedance	50 Ω	occupied bandwidth	$\leq 16 \text{kHz}$
Microphone impedance	2.2k Ω	modulating characteristic	Relative to the 6dB per frequency multiplier aggravating characteristic Deviation is not greater than $\pm 3 \text{dB}$
working voltage	3.8V	Discrete RF components	$< 7.5 \mu\text{W}$
frequency stability	$\pm 2.5 \times 10^{-6}$	Neighbor power	$\leq -65 \text{dB}$
weight	151.6g	Emission SNR	$\geq 40 \text{dB}$

Receiving section			
reference sensitivity	Better than the -119 dBm	frequency response	Compared to 6dB per frequency multiplier The deviation is no greater than + 2dB and not less than -10dB
Static noise-on sensitivity	$\leq 0.22 \mu\text{V}$	hannel suppression	$\geq -8 \text{dB}$
Audio power	1000mw	choke	$\geq 85 \text{dB}$
Audio distortion	$\leq 5\%$	Neighbor selectivity	$\geq 65 \text{dB}$
Modulation receives bandwidth	$\geq \pm 7 \text{kHz}$	Receive signal and noise	$\geq 40 \text{dB}$

GT810



TECHNICAL

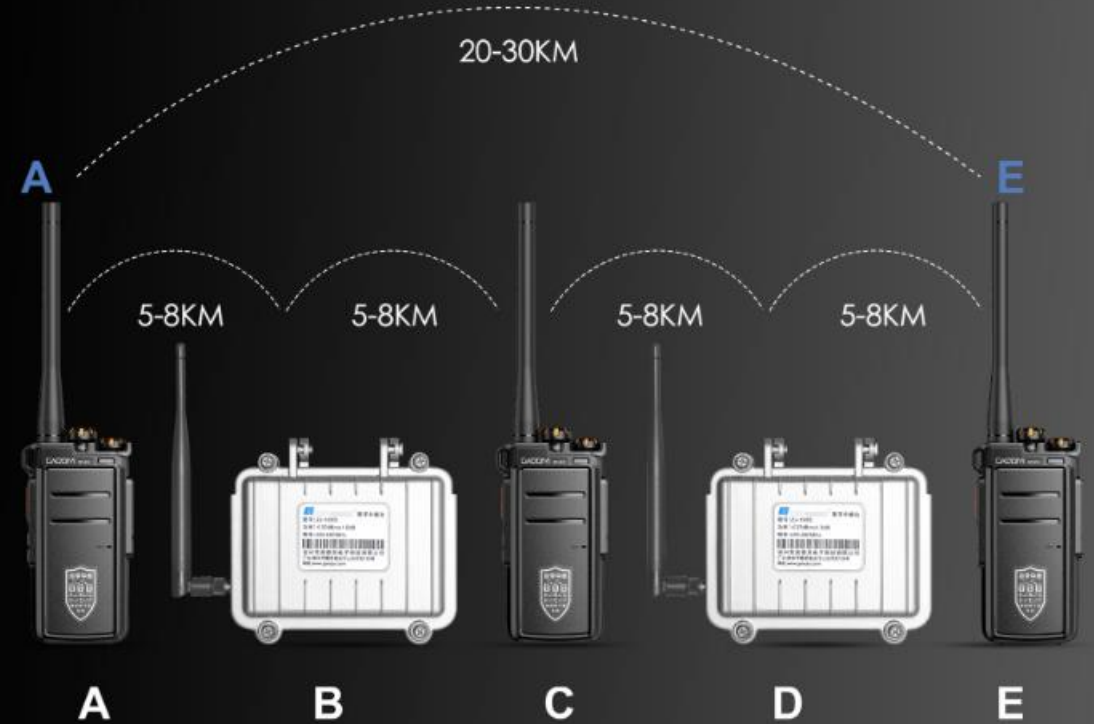
FREQUENCY RANGE	400MHZ-470MHZ
STORE THE CHANNEL	16 THE CHANNEL
WORKING VOLTAGE	DC (DC)7.4V
ANTENNA IMPEDANCE	50Ω
FREQUENCY STABILITY	±5PPM
WORKING TEMPERATURE	-5°C-+35°C
WORKING CURRENT	TRANSMITTING STATUS: 1.3A RECEIVING STATUS: 0.4A
OPERATE MODE	ONE-FREQUENCY SINGLE WORK OR DIFFERENT-FREQUENCY SINGLE WORK
MACHINE SIZE	127MM * 58MM * 35MM (EXCLUDING ANTENNA / BACK CLIP)
PRODUCT WEIGHT	182G (EXCLUDING ANTENNA, BACK CLIP)



ZJ100D



relay signal coverage solution



TD-A9100



GENERAL PART

Frequency Range	UHF:400-470 MHz
Total Number Of Channels	16
Channel Spacing	12.5KHz/25KHz
Working Voltage	DC 7.4V(+20%)
Average Working Time Of Battery	66h
Frequency Stability	±1.5ppm
Antenna Impedance	50Ω
External Dimensions	136(L)x60(W)x37(H)mm
Weight	359g

TRANSMITTER

Output power	High power: 10W Low power: 5W
FM modulation method	12.5 KHz :8K Φ F3E; 25 KHz:16K Φ F3E;
Modulation restrictions	≤2.5KHz @12.5KHz;≤ 5KHz @ 25KHz
FM noise	-40dB
Transmitting stray signals	-36dBm 1GHz/-30 dBm21GHz
Adjacent channel power	≤-60dB
Frequency response	Pre emphasis doubles every 3dB
Audio distortion	3%

RECEIVER

Simulate sensitivity	-124dBm (12 dB SINAD)	FM noise	-40dB
intermodulation	60dB	Frequency response	Increase the multiplication by every 3dB
Neighborhood selectivity	60dB	Rated audio output power	1000mw
Stray suppression	60dB	Rated audio distortion	3% (typical)

PACKING LIST



Host



Antenna



Battery



Back Clip



Adapter



Charger

TD-A95

数字降噪，清晰对讲

Digital noise reduction, clear intercom



整机部分	SPECIFICATION
频率范围(Frequency Range)	430-440MHz
信道数量(Channel Capacity)	16
工作电压(Operating Voltage)	DC 7.4V
天线阻抗(Antenna Impedance)	50Ω
信道间隔(Channel Spacing)	12.5/25KHz
工作温度(Working Temperature)	-20℃~+60℃
载波容差(Frequency Stability)	±2.5PPM
外形尺寸(Dimension)without antenna	115x58x35mm
重量(Weight)W/Battery	198g
电池(Battery)	聚合物锂电池
发射部分	TRANSMITTER
射频输出功率(RF Power Output)	≤37dBm ±1.5dB
调制方式(Modulation Type)	F3E
调频失真(Modulation Distortion)	< 5%(300-3000Hz)
最大频偏(Max Freq Deviation)	≤+5KHz
调频噪音(FM Noise)	≤-45dB
接收部分	RECEIVER
灵敏度(12dB SINAD)Sensitivity(12dB SINDA)	0.18uV
选择性(Selectivity)	55dB
邻道选择性(Adjaceng Channel Selectivity)	≥70dB
噪音响应(Noise Respond)	≥60dB
调频噪音(FM Noise)	45dB/40dB
调制方式(Modulation Type)	F3E
音频输出功率(Audio Distortion)	≥400mW
音频失真(Audio Distortion)	< 5%
工作带宽(Operating bandwidth)	7KHz

TD-A89



Features

OVERALL PART	Frequency Range	430-470mhz
	Number Of Channels	16
	Supply Voltage	3.7vdc
	Working Temperature	-10°C~+50°
	Antenna Configuration	Inductive Antenna
	Antenna Impedance	50Ω
	Operation Mode	Same Frequency Simplex Or Different Frequency Simplex
	Appearance Size	107x54x35 mm
LAUNCH SECTION	Rf Power	≤37DBM+1.5DB
	Modulation Mode	16KFZ3E
	Spurious Radiation	≤7.5uw
	Modulation Noise	<-40DB
	Modulation Distortion	<5%
	Frequency Tolerance	5PPM
	Maximum Frequency Offset	≤ ± 5KHZ
	Emission Current	≤1200MA
	Audio Response (300-3000hz)	+6.5~-14DB
	Adjacent Channel Power	≥65DB
	Modulation Sensitivity	8~12MV
ACCEPT PART	Sensitivity	≤0.2μv
	Occupying Bandwidth	≤16khz
	Channel Selectivity	≥65db
	Intermodulation Audio	≥55db
	Output Power	>500mw
	Audio Distortion	≤5%
	Frequency Tolerance	5ppm
	Receive Current	standby 55ma call 150ma
	Audio Response (300-3000hz)	7-12.5db+
	Reference Frequency	26.000mhz

Standard Accessories



Battery



Antenna



Charger



Back clip

G880



Features

OVERALL PART	Frequency Range	430~470MHz
	Number Of Channels	Sixteen
	Supply Voltage	3.7vdc
	Working Temperature	-10°C~+50°
	Antenna Configuration	Inductive Antenna
	Antenna Impedance	50Ω
	Operation Mode	Same Frequency Simplex Or Different Frequency Simplex
	Appearance Size	107x54x35 mm
LAUNCH SECTION	Rf Power	37dBm+1.5dB>
	Modulation Mode	16KFZ3E
	Spurious Radiation	7.5uW>
	Modulation Noise	-40dB>
	Modulation Distortion	5%>
	Frequency Tolerance	5ppm
	Maximum Frequency Offset	5KHz ± ≥
	Emission Current	1200mA≥
	(Audio Response (300~3000hz	-14dB~+6.5
	Adjacent Channel Power	65dB<
	Modulation Sensitivity	12mv~8

- One-click decoding
- One-click copying
- Voice encryption
- Standby for 20 days
- Type C charging



TD-A96

Long Distance Communication,
Hight Transmitting Power



主机
Radio



天线
Antenna



电池
Battery



座充
Charger



适配器
Adapter



背夹
Belt Clip

整机部分	SPECIFICATION
频率范围(Frequency Range)	430-440MHz
信道数量(Channel Capacity)	16
工作电压(Operating Voltage)	DC 7.4V
天线阻抗(Antenna Impedance)	50Ω
信道间隔(Channel Spacing)	12.5/25KHz
工作温度(Working Temperature)	-20℃~+60℃
载波容差(Frequency Stability)	±2.5PPM
外形尺寸(Dimension)without antenna	115x58x35mm
重量(Weight)W/Battery	198g
电池(Battery)	聚合物锂电池
发射部分	TRANSMITTER
射频输出功率(RF Power Output)	≤37dBm ±1.5dB
调制方式(Modulation Type)	F3E
调频失真(Modulation Distortion)	< 5%(300-3000Hz)
最大频偏(Max Freq Deviation)	≤+5KHz
调频噪音(FM Noise)	≤-45dB
接收部分	RECEIVER
灵敏度(12dB SINAD)Sensitivity(12dB SINDA)	0.18uV
选择性(Selectivity)	55dB
邻道选择性(Adjaceng Channel Selectivity)	≥70dB
噪音响应(Noise Respond)	≥60dB
调频噪音(FM Noise)	45dB/40dB
调制方式(Modulation Type)	F3E
音频输出功率(Audio Distortion)	≥400mW
音频失真(Audio Distortion)	< 5%
工作带宽(Operating bandwidth)	7KHz

TD-A7

ONE KEY TO FREQUENCY INSTANT INTERCONNECTION

Handheld Portable Walkie-talkie



ONE KEY FREQUENCY



INTELLIGENT POWER SAVING



TYPE-C CHARGE



CHANNEL ENCRYPTION



ANTI-MAGNETIC



VOICE PROMPT



TD-A7

PARAMETER		TRANSCIVER	
EXTERNAL SIZE	116.5*60*37MM	CARRIER FREQUENCY TOLERANCE	$\pm 2.5 \times 10^{-6}$
ANTENNA	IS 80MM LONG AND 15MM IN DIAMETER	THE CARRIER OUTPUT POWER	$\leq 2W$
FREQUENCY RANGE	400-470MHZ	MODULATION SENSITIVITY	$12 \pm 4mV$
NUMBER OF CHANNELS	16	MODULATION DISTORTION	$\leq 5\%$
CHANNEL SPACING	25KHZ/12.5KHZ	MODULATION LIMIT	$\leq 5kHz$
ANTENNA IMPEDANCE	50Ω	OCCUPIED BANDWIDTH	$\leq 16 kHz$
MICROPHONE IMPEDANCE	$2.2K\Omega$	MODULATING CHARACTERISTIC	DEVIATION FROM THE AGGRAVATING CHARACTERISTICS OF 60B PER FREQUENCY MULTIPLIER IS NO GREATER THAN $\pm 30B$
WORKING VOLTAGE	3.8V	DISCRETE RF COMPONENTS	$< 7.5 \mu W$
FREQUENCY STABILITY	$\pm 2.5 \times 10^{-6}$	NEIGHBOR POWER	$\leq -65 dB$
WEIGHT	151.6G	EMISSION SNR	$\geq 40 dB$

01

PLASTIC MATERIAL
PTT KEY

02

PC+ABS
ANTI-POLLUTION
RESISTANT TO FALL

03

TYPE-C
PORTABLE CHARGING

GT-510



Weight	198g	Size	150x58x35mm
Frequency range	430~440mHZ	Channel	16
Working voltage	DC 7.4V	RF output power	≤37dBm+1.5dB
Modulation mode	F3E	Channel spacing	12.5/25KHz
Frequency swing	≤+5KHZ	FM noise	≤-45dB

