

# YANTON®

PROFESSIONAL FM TRANSCEIVER



**ANALOG/WCDMA/GSM  
MODE SWITCH**  
PUBLIC NETWORK WALKIE TALKIE & ANALOG RADIO

## T-X7

Individual Call/Group Call/All Call  
Output Power 2W  
Friendly Interface Displays The Calling Information  
Built-in 50 set of CTCSS and 105 set of DCS  
12V/24V Input Intelligent Charger  
Double PTT  
Contacts, ANI

Mobile Phone  
Walkie-Talkie

GSM/WCDMA/ANALOG

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### TECHNIQUE SPECIFICATION

General Features	Dimensions (without antenna)	102mm*58mm*34mm	
	Weight (With Battery)	About 194g	
	Operating Temperature	-30°C to +75°C	
	Operating Voltage	DC 3.3V-4.2V(3.8V is recommended)	
	Operating Current	Peak Current	About 0.6A
	Average Current	About 540mA@UMTS 2100 About 239mA@GSM 900	
	Standby Current	About 5mA@UMTS About 5mA@GSM	
Baseband	(U) SIM/SIMU	Standard SIM card interface 3V SIM card and 1.8V SIM card	
	UART Interface	8-wires UART	
	MAX. Power Consumption	Public network mode:About 2.2uw; Analog mode:2W.	
Radio Frequency	Analog Band	136-174MHz or 400-480MHz	
	UMTS Band	HSDPA/WCDMA: 2100/1900/850(900)MHz	
	Transmit Power	UMTS2100/1900/900/850: Power Class 3 (+24dBm +2.5/-1.5dBm)	
		EDGE 850MHz/900MHz: Power Class E2 (+27dBm +4.5/-1.5dBm)	
		EDGE 1800MHz/1900MHz: Power Class E2 (+26dBm +4.5/-2.5dBm)	
	Receiving Sensitivity	WCDMA2100: ≤-108dBm	
		WCDMA1900: ≤-109dBm	
WCDMA900 : ≤-109dBm			
WCDMA850: ≤-109 dBm			
	GSM850/900/1800/1900: ≤-107dBm		