

TFN A1200

UNDERGROUND PIPELINE DETECTOR

HIGH POWER | MORE | FREQUENCY LOW POWER CONSUMPTION

SUITABLE FOR DETECTING DEEP BURIED
AND LONG DISTANCE PIPELINES



SIX CORE STRENGTHS

CONSTRUCTION, ACCEPTANCE, PIPE NETWORK SURVEY



LARGE SCREEN DISPLAY



INDICATING POWER
OUTPUT



WIDE APPLICATION
RANGE



STRONG
ANTI-INTERFERENCE



FIELD USE



OPTIONAL DRY BATTERY

SUPERIOR PERFORMANCE MEASUREMENT IS ACCURATE

A WIDE RANGE OF FREQUENCIES

IT CAN DETECT THE UNDERGROUND LOCATION AND DEPTH OF ALL KINDS OF CABLES, OPTICAL CABLES AND METAL PIPES WITH A DEPTH OF MORE THAN 5 METERS



THE OPERATION OF THE TRANSMITTER

FULL FUNCTION/HIGH INTELLIGENCE/SIMPLE OPERATION



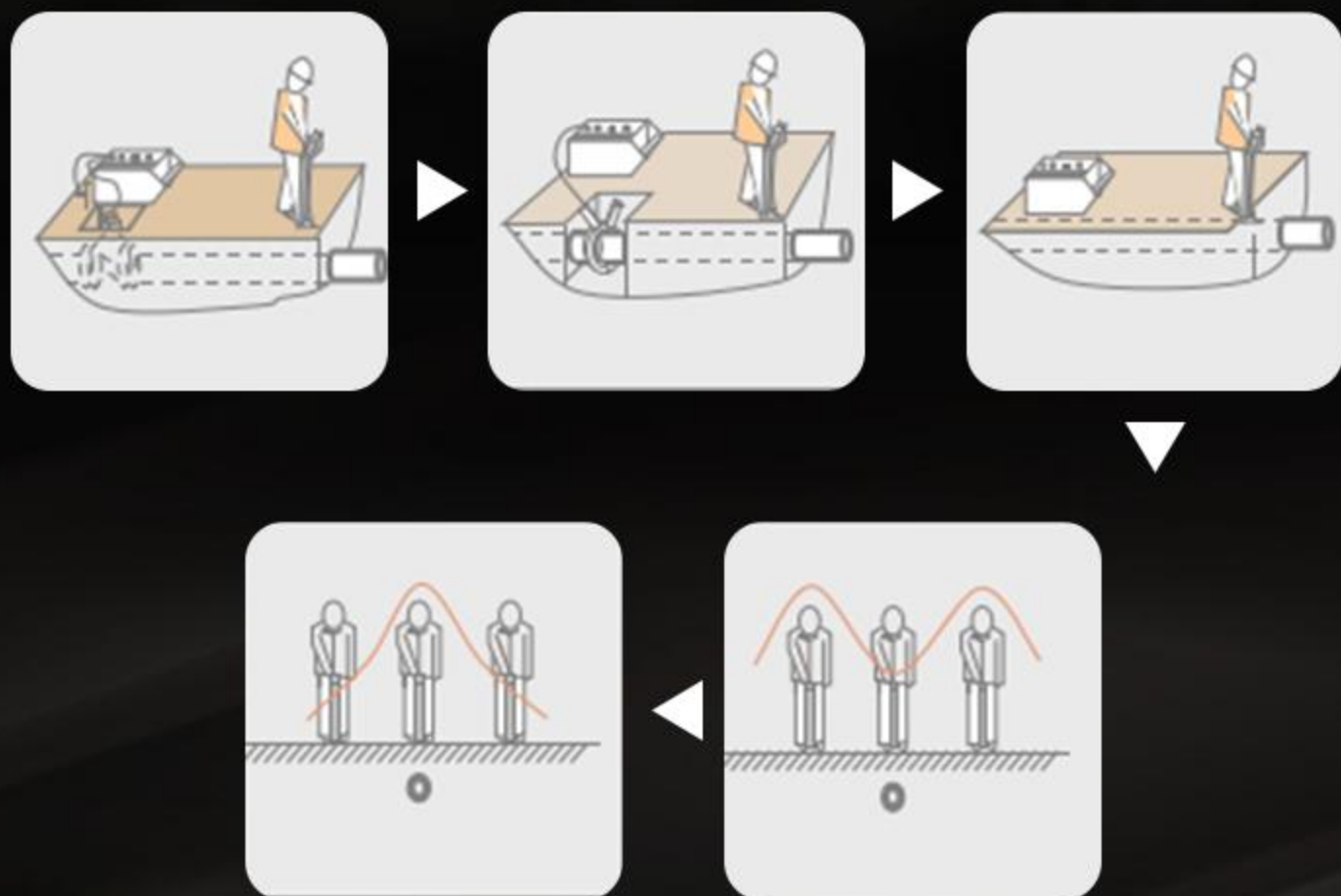
- ① OPEN KEY: THE SWITCH IS SELF-LOCKING SWITCH; PRESS THE POWER SUPPLY, THE TRANSMITTER IS IN WORKING STATE; TURN OFF THE POWER AND THE TRANSMITTER IS SHUT DOWN.
- ② EXPORT: THIS INTERFACE IS MULTI-CORE SPECIAL AVIATION SOCKET; USED TO CHANGE THE OUTPUT MODE OF A SIGNAL. THE ACCESS DIRECT LINE IS IN DIRECT CONNECTION MODE; COUPLING MODE IS CONNECTED TO COUPLING CLAMP; NO CONNECTION IS INDUCTION MODE.
- ③ LCD FREQUENCY: DISPLAY THE CURRENT OUTPUT FREQUENCY; CAN DISPLAY LOW FREQUENCY, MEDIUM FREQUENCY, HIGH FREQUENCY, RADIO FREQUENCY. ONLY HIGH FREQUENCY OR RF IS DISPLAYED IN INDUCTION MODE. POWER: DISPLAY THE CURRENT OUTPUT POWER; CAN DISPLAY LOW, MEDIUM AND HIGH GRADE RESPECTIVELY. MODE: DISPLAY THE CURRENT WORKING MODE; DIRECT CONNECTION, COUPLING AND INDUCTION CAN BE DISPLAYED RESPECTIVELY. REACTANCE: DISPLAY THE CURRENT LOOP IMPEDANCE VALUE; THE EFFECTIVE DISPLAY IS 00001-99999 OHMS. POWER: INDICATES THE CURRENT BATTERY POWER; REPRESENTED BY THE BATTERY SYMBOL, ALL BLACK FOR FULL CHARGE. MATCHING TIP: IF THE ICON IS ROTATED, THE TRANSMITTER IS WORKING STABLY.
- ④ FREQUENCY KEY: THIS KEY IS THE POINT SOFT SWITCH; EACH PRESS CAN CHANGE THE FREQUENCY OF AN OUTPUT SIGNAL, BY LOW FREQUENCY, INTERMEDIATE FREQUENCY, HIGH FREQUENCY, RADIO FREQUENCY, CYCLE SELECTION; THE INITIAL BOOT IS LOW FREQUENCY. IN INDUCTION MODE, ONLY HIGH FREQUENCY OR RF CAN BE SELECTED, STARTING WITH HIGH FREQUENCY.
- ⑤ POWER KEY: THIS KEY IS THE POINT SOFT SWITCH; EACH PRESS CAN CHANGE THE OUTPUT POWER ONCE, BY LOW, MEDIUM, HIGH GRADE, CYCLE SELECTION; THE INITIAL BOOT IS LOW.
- ⑥ BACKLIGHT KEY: THIS KEY IS A SOFT SWITCH; PRESS TO TURN ON OR OFF THE LCD BACKLIGHT; TURN OFF THE LCD BACKLIGHT INITIALLY.
- ⑦ CHARGING PORT: THIS INTERFACE FOR 2.5 CHARGING BASE; IT IS USED TO CONNECT THE SPECIAL CHARGER TO CHARGE THE BATTERY.

OPERATION OF RECEIVER

OPERATION OF THE RECEIVER



BETWEEN -20°C ~ 50°C CAN WORK NORMALLY,
THE SHELL IS STRONG, SHOCKPROOF, COMPACT STRUCTURE, FIRM.



PRODUCT PARAMETER

PRODUCT PARAMETERS



RECEIVER	
ACTIVE FREQUENCY	LOW FREQUENCY, MEDIUM FREQUENCY, HIGH FREQUENCY, RF
PASSIVE FREQUENCY	50~60HZ
DEPTH RANGE	0~6M
ACOUSTIC INDICATION	AN FM TONE THAT VARIES WITH SIGNAL STRENGTH
SIGNAL STRENGTH INDICATION	LCD DISPLAY, SOUND PROMPT
SIGNAL STRENGTH REPRESENTATION	BAR CHART, NUMBER RANGE 0-999
GAIN DYNAMIC RANGE	100DB
PRECISION *	LOW FREQUENCY, MEDIUM FREQUENCY : $\pm(1-5)\%$ HIGH FREQUENCY, RADIO FREQUENCY : $\pm(5-12)\%$ * AND THE SITE ENVIRONMENT, THE SHAPE OF NON-CONCENTRIC LINES, THE DISTRIBUTION OF ADJACENT PIPE
LIQUID CRYSTAL DISPLAY	LINES AND OTHER RELEVANT DIGITAL SIGNAL AND POWER DISPLAY, OPERATION FREQUENCY, DEPTH, VOLUME, LEFT/RIGHT DIRECTION DISPLAY
BATTERY	
BATTERY STATUS	6 AA RECHARGEABLE BATTERIES, WORKING CONTINUOUSLY FOR 8 HOURS
VOLUME	DISPLAY 700 X 110 X 200MM
WEIGHT	2KG
TRANSMITTER	
OUTPUT FREQUENCY	LOW FREQUENCY, MEDIUM FREQUENCY, HIGH FREQUENCY, RF
OUTPUT MODE	DIRECT CONNECTION, INDUCTION, COUPLING
OUTPUT POWER	AUTOMATIC ADJUSTMENT WITH MATCHING LOAD 0.6~6 WATTS, RESISTANCE IS 1-99999 OHMS
LIQUID CRYSTAL DISPLAY	AUTOMATIC BACKLIGHT LIGHTING, DISPLAY OUTPUT ENERGY, OPERATION MODE, SELF CHECK STATUS, LOAD RESISTANCE, ETC
BATTERY TYPE	6 D RECHARGEABLE BATTERIES, WORKING CONTINUOUSLY FOR 4-8 HOURS (DEPENDING ON SELECTED FREQUENCY AND POWER GEAR)
SUPERHEAT OVERCURRENT	AUTOMATIC PROTECTION
BATTERY STATUS	CONTINUOUS DISPLAY
CHARGER	220 VOLTS, 50-60 HZ; CAR CAN BE EQUIPPED WITH 12 VOLTS SEPARATE CHARGING DEVICE
VOLUME	320 * 160 * 130 MM
WEIGHT	4KG;

PRODUCT DISPLAY

PRODUCT DISPLAY







