



Wavetrak Ex Model Transmitter REQUEST for QUOTATION

Wavetrak Electronics Ltd.

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Order No: _____
PO: _____
Date: _____

CUSTOMER:

Ship To:

Ex Model TRANSMITTERS and Delrin CANS:

Number required	MODEL	TYPE	CODE

_____	Delrin CAN		
_____	Delrin CAN		

SS Model TRANSMITTERS and DELRIN CANS:

Number required	MODEL	TYPE	CODE

_____	Delrin CAN		
_____	Delrin CAN		

Ex RECEIVER and Accessories

Number
required

PRODUCT

WT-RC-Ex Receiver

Hard case for Receiver

Soft cover for Receiver

WT-RC-Ex-ANT External Antenna for WT-RC-Ex Receiver

WT-RC-Ex-XT-CAB 50 foot Extension Cable for use with External Antenna

WT-RC-Ex-STR Strobe Light for use with WT-RC-Ex Receiver

Ear One Geophone Amplifier complete kit (Ear One Amplifier, Geophone with 50 foot cable, Head Phones, FM Transmitter accessory)

Ear One Geophone Amplifier

Ear One Head Phones

Ear One Geophone with 50 foot cable

Ear One Geophone FM Transmitter accessory

Custom requirements: (Please specify product and model being requested.)

Additional requirements or requests for markings:

WAVETRAK PRODUCT SPECIFICATIONS:

Ex Model Transmitter Specifications:

Nearly all transmitter models are available in either a standard 22 Hz pulse mode, continuous 22 Hz mode, or one of 3 codes (A, B or C). The coded model transmitters also emit a standard 22 Hz tone along with their code. Transmitters are manufactured either standard or with a specific code and are not switchable.

Please note that **Delrin CANS** are specific to the model (Ex or SS) and size of transmitter. Delrin CANS for Ex model transmitters should not be used for SS model transmitters.

Overall dimensions:

WT-AA-Ex 183.64 mm [7.230 inches] long X 36.07 mm [1.420 inches] diameter

WT-C3-Ex 135.68 mm [5.342 inches] long X 48.26 mm [1.900 inches] diameter

WT-C6-Ex 233.68 mm [9.200 inches] long X 48.26 mm [1.900 inches] diameter

WT-D3-Ex 163.48 mm [6.436 inches] long X 63.50 mm [2.500 inches] diameter

WT-D6-Ex 284.48 mm [11.200 inches] long X 63.50 mm [2.500 inches] diameter

Ex Transmitter Product Category:

The type of protection is 'd' Flameproof. The Battery Powered Equipment is subdivided gas group IIC.

The equipment is for use in the ambient range of -20°C to + 50°C. The Equipment complies with IEC 60079-0:2011 and IEC 60079-1:2007. The equipment is group IIC, EPL Gb. The enclosure is constructed from 303 and 304 stainless steel.

Markings on shell:

ATTENTION – REPLACE O-RINGS AND REMOVE BATTERIES AFTER EACH DEPLOYMENT

WARNING – DO NOT INSTALL OR REMOVE BATTERIES IN HAZARDOUS ENVIRONMENT

WARNING – DO NOT OPEN WHEN A HAZARDOUS GAS ATMOSPHERE IS PRESENT

CAUTION ONLY INSTALL BATTERIES OF TYPE: ALKALINE SIZE X (XXXXX) - 1.5V

Ex marking for explosive gas atmospheres Ex d IIC T4 Gb -20°C ≤ Ta ≤ +50°C.

Size AA: 160psi x 1.5 x 1.37 = 328.8psi (22.7bar).

Size D: 105psi x 1.5 x 1.37 = 215.8psi (14.9bar).

Size C: Same as size D.

Power: Batteries Procell Alkaline (Note: Lithium battery models available but are non-Ex, please specify.)

Ex RECEIVER Specifications:

Ratings for Model: WT-RC-Ex Receiver

- **ATEX LC 14.10172-2S**
- **Rating: Ex nA IIC T6, Gc**
- Input 12Vdc, 8 cells, type C (LR14) battery
- Temperature Class T6: **Operating Temperature: -20°C ≤ Ta ≤ +50°C**
- Class of Equipment: **Class IIC**
- **WARNING – DO NOT OPEN, MAINTAIN OR SERVICE IN AN AREA WHERE AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT**
- **WARNING – DO NOT SEPARATE WHEN ENERGIZED**
- **WARNING – EXPLOSION HAZARD**
DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS THE AREA IS KNOWN TO BE NON HAZARDOUS
- **WARNING – EXTERNAL ANTENNA, STROBE, EXTENSION CABLE ARE NOT TO BE CONNECTED OR DISCONNECTED UNLESS THE AREA IS KNOWN TO BE NON HAZARDOUS**

SS Model Transmitter Specifications:

Nearly all transmitter models are available in either a standard 22 Hz pulse mode, continuous 22 Hz mode, or one of 3 codes (A, B or C). The coded model transmitters also emit a standard 22 Hz tone along with their code. Transmitters are manufactured either standard or with a specific code and are not switchable.

Please note that Delrin CANS are specific to the model (Ex or SS) and size of transmitter. Delrin CANS for Ex model transmitters should not be used for SS model transmitters.

Overall dimensions:

WT-AAA-SS	157.80 mm [6.213 inches] long	X	28.70 mm [1.130 inches] diameter
WT-AA-SS 1.5V	82.04 mm [3.230 inches] long	X	31.75 mm [1.250 inches] diameter
WT-AA-SS	177.16 mm [6.975 inches] long	X	31.90 mm [1.256 inches] diameter
WT-C3-SS	124.30 mm [4.894 inches] long	X	40.40 mm [1.591 inches] diameter
WT-C6-SS	222.39 mm [8.756 inches] long	X	40.20 mm [1.583 inches] diameter
WT-D3-SS	156.80 mm [6.173 inches] long	X	51.08 mm [2.011 inches] diameter
WT-D6-SS	276.45 mm [10.884 inches] long	X	63.50 mm [2.500 inches] diameter
WT-2IN PB	169.67 mm [6.680 inches] long	X	38.10 mm [1.500 inches] diameter

SS Transmitter Product Category:

The equipment is for use in the ambient range of -20°C to + 50°C.

The enclosure is constructed from 303 and 304 stainless steel.

Markings on shell:

ATTENTION – REPLACE O-RINGS AND REMOVE BATTERIES AFTER EACH DEPLOYMENT

WARNING – DO NOT INSTALL OR REMOVE BATTERIES IN HAZARDOUS ENVIRONMENT

CAUTION ONLY INSTALL BATTERIES OF TYPE: ALKALINE SIZE X (XXXXX) - 1.5V

Power: Batteries Procell Alkaline (Note: Lithium battery models available, please specify.)