

Transponder Test and Configuration unit



(Cd6989)

TTC 400 description

The TTC 400 has been developed to provide a quick and easy way to test and configure all applications on Kongsberg Maritime transponders, prior to sea deployment.

The TTC 400 is based around a splash-proof, small «all in one» and portable unit. The unit is equipped with carrying handles.

A small transducer on a cable, connects to the front of the unit. This is all what is required to in-air-test transponders anywhere the operator should choose to perform a thorough test, or reconfiguring a transponder.

- The TTC 400 applies for HiPAP, HPR 400 and HPR 300 channels.
- The TTC 400 can test and configure transponders using the 30 kHz frequency band (MF).

TTC 400 standard model

The TTC 400 unit is for use on deck / in air.

Option

As an option, the TTC 400 can be used with an over-the-side dunking transducer for test and configuration of transponders at sea.

Operation

The TTC 400 is easy to operate. This is done via the menu system on the LCD display, using dedicated pushbuttons. The display has background lights for operations at night.

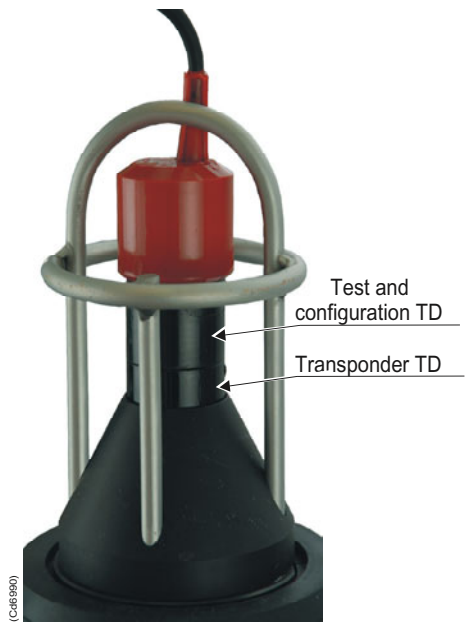
The TTC 400 can perform the following:

- Checks response on interrogation based on known channel
- Set transponder / TTC 400 transmitter power level and receiver sensitivity
- Scan for channel with reset
- Switching of channel
- Enable / disable
- Transponder release
- Read battery status
- Read sensor data, if any
- Responder function (requires the dedicated responder cable)
- Beacon
- Reset to transponder internal switch settings
- Auto storage of last 20 used transponder configuration settings

The TTC 400 unit can be used while connected to the mains!

MF test transducer

The test transducer is a small moulded transducer to be held / placed face to face with the transponder transducer, to ensure good “acoustic connection”.



Specifications

TTC 400 unit

Material Aluminium
 Dimensions (H x W x D) (173 x 297 x 250) mm
 Depth including handles 290 mm
 Weight 6.8 kg

MF test transducer

Length 80 mm
 Diameter 55 mm
 Weight in air approximately 0,7 kg
 Cable length 2,5 m

Rechargeable battery

Battery type Lead / acid
 Operation (fully charged battery) 5 hours
 Recharge voltage (100 – 240) Vac / (50-60) Hz
 Recharging time 14 hours

Frequencies and channels

Medium frequency (MF) (21 - 32) kHz

Channels:

- All 56 HiPAP / HPR 400 channels (B12 - B87)
- All 14 HPR 300 channels (B01 - B09), B11, B22, B33, B44 and B55

Options

Part no	Item
380-219498	SPT / MPT Responder cable, TTC 400
380-219496	MST Responder cable, TTC 400
TDD-080585	Dunking MF-transducer, with 70 m steel armoured cable on drum. For use at sea only!

Kongsberg Maritime AS

Strandpromenaden 50
 P.O.Box 111
 N-3191 Horten,
 Norway

Telephone: +47 33 02 38 00
 Telefax: +47 33 04 47 53
www.kongsberg.com
 E-mail: subsea@kongsberg.com



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