

HF Transceiver Family



XK 2000



RX/TX Interface R&S®GS 2110

For controlling a detached receiver or transceiver in various applications

The optional RX/TX Interface R&S®GS 2110 can be used for the following three applications:

- ◆ DSC-NMEA interface for transceiver control
- ◆ Control interface for a detached receiver (R&S®EK 895)
- ◆ Control interface for a detached transceiver (R&S®XK 2000)

NMEA-183

For naval applications in line with GMDSS regulations, an external DSC (digital selective call) controller drives an HF transceiver of the R&S®XK 2000 family via a standardized NMEA-183 interface. It is thus possible to receive emergency calls using an external receiver, to evaluate them and to answer or send emergency calls at HF distress frequencies in accordance with internationally accepted GMDSS procedures.

The second application of the RX/TX Interface R&S®GS 2110 is the control of a detached receiver from the transceiver or receiver/exciter of the R&S®XK 2000 family. A typical application is duplex operation involving the simultaneous transmission and reception at two frequencies. The receiver (R&S®EK 895) up to 2 km away is controlled via this interface, and the received AF is available in the transceiver.

The third application is transceiver control/audio/data from a detached control device.

Specifications

Plug-in interface with 2 Cannon connectors	
NMEA-183	DSC-R&S®XK 2000 control interface
REMOTE RX/TX	RS-232-C serial control and receiver audio, to/from R&S®EK 895, R&S®GX 2900.xx or transceiver (R&S®XK 2000)

Ordering information

RX/TX Interface	R&S®GS 2110	6033.5500.02
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More information at
www.rohde-schwarz.com
(search term: GS2110)



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