



Features

- Wired remote control with optional wireless module for activating recordings or real-time filters

Remote control RC X.1

- USB plug for direct connection to a PC, notebook, tablet PC (Windows), or SQobold

Variants

- RC X.1-V1
 - Binder plug for direct connection to SQadriga II via multi-function adapter SVA II.0
- RC X.1-V2
 - LEMO plug for direct connection to SQadriga II (AUX 1)

Extension

- RC X.2
 - Wireless module for the remote control of the RC X.1 / RC X.1-V1 / RC X.1-V2

Applications

- Starting and stopping a recording
 - with any front end supported by HEAD acoustics via the Data Acquisition Module of ArtemiS SUITE (ASM 04)

- with SQadriga II and SQobold in stand-alone mode
- Activation and deactivation of real-time filters with the Advanced Filters Module of ArtemiS SUITE (ASM 19) in combination with SQadriga II
- Radio-controlling via the wireless module RC X.2

Functions

- Easy and safe operating with a the large function button without the need for looking at the computer screen, SQadriga II or SQobold,
- Remote controlling of a measurement or filtering
- Visual feedback

Wireless module RC X.2

- Connecting (pairing) a wireless module RC X.2 with one specific RC X.1 (or a variant)
- Radio protocol with a range of up to 10 meters (depending on environment)
- Visual feedback

DATA SHEET

RC X.1 (Code 9850)

Remote control with optional wireless module for starting and stopping recordings and activating real-time filters

- Variants: RC X.1-V1 (9850-V1)
RC X.1-V2 (9850-V2)
- Extension: RC X.2 (9851)
Wireless module

Overview

The wired remote control RC X.1 is available in several variants and can be used for starting and stopping recordings and activating real-time filters.

RC X.1 can be connected to a computer via USB and activates recordings via the Data Acquisition Module of ArtemiS SUITE (ASM 04 - HEAD Recorder) with any front end supported by HEAD acoustics. Connected to SQobold directly, RC X.1 can be used to start and stop recordings in stand-alone mode.

Furthermore, in connection with a computer running ArtemiS SUITE, the RC X.1 allows real-time filters to be enabled or disabled via the Advanced Filters Module (ASM 19) and the SQadriga II front end.

The variants of the RC X.1 are applied together with SQadriga II directly or via the SVA II.0 multi-function adapter.

For applications not allowing direct access to the RC X.1, it is also possible to use the wireless module RC X.2. The wireless module allows all versions of the RC X.1 to be radio-controlled. A pairing can be established between RC X.2 and RC X.1 allowing several pairs to be used simultaneously without affecting each other.

Recommended hardware from HEAD acoustics

- PC / notebook / tablet PC (Windows) with ArtemiS SUITE and front ends from HEAD acoustics, e.g., HEADlab, the modular multi-channel front-end system
- SQadriga II (Code 3320) Mobile recording and playback system
- SQobold (Code 3302) Mobile 4-channel recording and playback system
- SVA II.0 (Code 3360) Multi-function adapter for SQadriga II

Recommended software from HEAD acoustics

- ArtemiS SUITE Basic Framework (Code 5000)
- HEAD Recorder ArtemiS SUITE Data Acquisition Module (Code 5004)
- ArtemiS SUITE Sound Engineering Module (Code 5019)

Scope of supply

- RC X.1 (Code 9850) Remote control for connection to a PC and SQobold (USB) or Variant 1: RC X.1-V1 (Code 9850-V1) Remote control for connection to SQadriga II via multi-function adapter SVA II.0 (Binder) or Variant 2: RC X.1-V2 (Code 9850-V2) Remote control for direct connection to SQadriga II (LEMO)

Extensions (optional)

- RC X.2 (Code 9851) Wireless module for controlling the RC X.1 / RC X.1-V1 / RC X.1-V2
 - CUSB III.1 (Code 5479-1) Cable USB (type A) ↔ USB (micro), 1 m (39.4")

Technical Data

RC X.1 / RC X.1-V1 / RC X.1-V2

Interfaces RC X.1: RC X.1-V1: RC X.1-V2:	USB 2.0 Binder 7-pin LEMO 10-pin
Connections RC X.1: RC X.1-V1: RC X.1-V2:	PC / notebook / tablet PC (Windows) / SQobold Multi-function adapter SVA II.0 (SQadriga II) SQadriga II (AUX 1 input)
Input voltage RC X.1: RC X.1-V1: RC X.1-V2:	5 V (the power is supplied via USB) 3.3 V (the power is supplied by the multi-function adapter SVA II.0) 3.3 V (the power is supplied by SQadriga II)
Current consumption USB RC X.1:	max. 40 mA, min. 32 mA
Power consumption RC X.1-V1: RC X.1-V2:	max. 0.2 W max. 0.2 W
Response time:	<100 ms
Cable length RC X.1: RC X.1-V1: RC X.1-V2:	1.8 m (70.9") (USB) 2 m (78.8") (Binder) 2 m (LEMO)
Dimensions:	47 x 32 x 96 mm (1.9" x 1.3" x 3.8") (WxDxH)
Weight, with cable:	95 g (0.21 lb)
Temperature operating:	-20 °C to 50 °C (-4 °F to 122 °F)
Temperature storage:	-20 °C to 70 °C (-4 °F to 122 °F)

RC X.2

Connection for battery charge:	Micro USB
Radio protocol for communication with RC X.2:	IEEE 802.15.4 compatible transceiver, Lightweight Mesh (LWMesh) peer-to-peer protocol
Wireless range:	up to 10 meters (depending on environment)
Battery type:	LiPo
Operating voltage:	3.7 V
Operation time:	>200 h
Stand by:	>1 year
Charging time:	ca 5 h
Power consumption charging process:	ca 150 mA
Dimensions:	43 x 54 x 16 mm (1.7" x 2.12" x 0.63") (WxDxH)
Weight:	18 g (0.04 lb)
Weight velcro:	10 g (0.022 lb)
Temperature operating:	-20 °C to 60 °C (-4 °F to 140 °F)
Temperature storage: Recommended for storage for more than 3 months:	-20 °C to 45 °C (-4 °F to 113 °F) 0 °C to 30 °C (-4 °F to 86 °F)
Temperature charging:	0 °C to 45 °C (-4 °F to 113 °F)

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