

User's Guide



Advanced Remote Control

For RME's
Fireface UCX and Fireface UFX

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Important Safety Instructions



To reduce the risk of fire or electric shock do not expose this device to rain or moisture. Prevent moisture and water from entering the device. Never leave a pot with liquid on top of the device. Do not use this product near water, i. e. swimming pool, bathtub or wet basement. Danger of condensation inside – don't turn on before the device has reached room temperature.



Avoid direct sun light and do not place it near other sources of heat, like radiators or stoves.



Unauthorized servicing/repair voids warranty. No user serviceable parts inside. Refer service to qualified service personnel.



Read the manual completely. It includes all information necessary to use and operate this device.

User's Guide



Advanced Remote Control

▶ General

1. Introduction

Thank you for choosing the RME Advanced Remote Control. This wired remote has been designed for direct access to the most frequently used actions and commands required in a studio's daily work. Its extremely flexible configuration through TotalMix FX will simplify workflow and greatly increase the usability of the RME interface in any real world situation.

2. Package Contents

- Advanced Remote Control with 5 m (16.4 ft) cable attached
- This manual

3. System Requirements

The Advanced Remote Control (ARC) can be used with all RME Fireface UCX. It can also be used with all RME Fireface UFX with a serial number 23241707 (built after June 2011) or higher. Upcoming interfaces that feature an Advanced Remote Control connector will also be compatible.

Users that own a Fireface UFX with a serial number below 23241707 have to send their UFX to their distributor as it requires a hardware modification to be fully compatible to the Advanced Remote Control. This modification is **not** free of charge.

4. Brief Description and Characteristics

- Solid metal case in RME's user-friendly Babyface design
- 5 meter cable length for comfortable handling and positioning
- Full control of many TotalMix operations, like volume, DIM, Speaker selection etc.
- Special functionality for stand-alone mode operation of UFX/UCX

5. Technical Specifications

- Power supply: by main unit via the ARC cable
- Typical power consumption: 0.1 Watts
- No internal battery
- Dimensions (WxHxD): 100 x 25 x 132 mm (4.0" x 1.0" x 5.2")
- Attached cable length: 5 m (16.4 ft)
- Weight: 0.5 kg (1.1 lbs)
- Temperature range: +5° up to +50° Celsius (41° F up to 122°F)
- Relative humidity: < 75%, non condensing

6. Overview

The top of the Advanced Remote Control features a rotary encoder with push switch function, 2 lower buttons, and 6 upper buttons with Status LED.

The **rotary encoder** is used to change various parameters, like gain and volume. The left button **Prog** is programmable, and can perform several functions. The same is true for the upper 6 buttons, which also include a status LED to signal the current state.

The default setting is printed on the unit:

Button	Function
A	Talkback
B	Mono
C	Mute
D	Phones 1
E	Phones 2
F	Ext. Input

The **Prog** button's default function is **Speaker B**.


The button **Recall** is used to store and load a specific listening volume for the Main Out defined in TotalMix FX. Pushing the knob for 2 seconds stores the current setting. If the volume (output level) was changed a quick hit on Recall will restore the former value.

The ARC needs very little power, which is provided by the main interface through the attached cable.



7. Hardware Installation

The Advanced Remote Control has a 9-pin Mini-DIN connector at the end of its 5 m long cable. Plug this connector into the corresponding jack, labelled REMOTE, on the back of the UFX or UCX.

 *Do not try to blindly insert the connector by turning and pressing it into the unit's jack. This will most likely cause at least one pin of the connector to be bent, so that the connector either can no longer be inserted or the remote is not fully functional!*

Make sure to locate the position of the orientation mark on both the connector and the jack, and bring the connector into the correct position before inserting it.

8. Driver and Firmware

The UCX supports the Advanced Remote Control from its initial release on.

The Fireface UFX supports the ARC from driver version 1.018 (USB Windows), 3.062 (FireWire Windows), 1.63 (USB Mac OS X), 3.03 (FireWire Mac OS X), with the DSP firmware 146 or later flashed into the unit.

Older Fireface UFX that have not been modified (see chapter 3, System Requirements) will cause the ARC to not work at all, or enter an invalid mode where LEDs will flash constantly.

Details on driver and firmware updates can be found in the respective units' manual.

9. Configuration of the Advanced Remote Control

The Advanced Remote Control is configured via the *Key Commands* dialog of TotalMix FX, in the Options menu. Note that the ARC does not have any memory, everything is done via and performed within TotalMix FX. The setup of the ARC is stored within the Workspace, and will therefore be identical in all Snapshots of the current Workspace.

All programmable buttons can be assigned to more than 36 different commands. The behaviour of each individual button can be changed between *push*, *toggle*, *enable* and *disable*, depending on the base function.

All functions except volume can also be performed via the F-keys of the Windows or Mac keyboard. The default action here is to load the current TotalMix Snapshots 1 to 5.

List of currently available commands/actions:

- No Function
- Main Volume
- Global Mute
- Global Solo
- Mute Group 1 to 4
- Solo Group 1 to 4
- Fader Group 1 to 4
- Link Main AB
- Speaker B Select
- DIM (Main Out)
- Mute (Main Out)
- Mute FX (Main Out)
- Mono (Main Out)
- Talkback
- External Input**
- Reverb**
- Echo**
- Cue Phones 1 to 4
- Snapshot 1 to 8
- Mic Gain 1 to 2*
- Inst. Gain 3 to 4*
- Volume Phones 1*

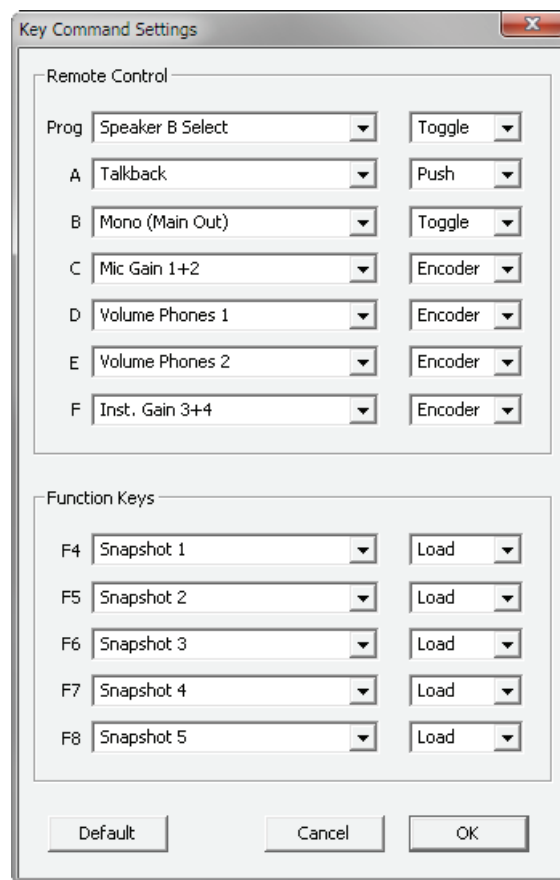
* For UCX. Other interfaces have different channels and settings.

** Enable / Disable only

Several functions can be activated at the same time. Example: Button **A** is set to **Cue Phones 1**. That means the phones submix is heard via the Main output (the studio monitors). Now to be able to also change the volume of the phones submix itself, set button B to **Volume Phones 1**. Activating both will allow you to listen to the phones submix via the main output, and also to change its volume (the fader in the third row) by turning the encoder knob.

In stand-alone mode of Fireface UCX and UFX there is no TotalMix FX. Therefore the settings for the ARC are no longer available. Instead a fixed set of functions is activated:

Turn Encoder	controls Main Out volume
Push on Encoder	DIM for Main Out
Recall button	Recall function for Main Out
Prog	no function
Buttons 1 to 6	load Setup 1 to 6



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Advanced Remote Control

▶ **Miscellaneous**

10. Warranty

Each individual Advanced Remote Control undergoes comprehensive quality control and a complete test before shipping. The usage of high grade components should guarantee a long and trouble-free operation of the unit.

If you suspect that your product is faulty, please contact your local retailer.

Audio AG grants a limited manufacturer warranty of 6 months from the day of invoice showing the date of sale. The length of the warranty period is different per country. Please contact your local distributor for extended warranty information and service. Note that each country may have regional specific warranty implications.

In any case warranty does not cover damage caused by improper installation or maltreatment - replacement or repair in such cases can only be carried out at the owner's expense.

No warranty service is provided when the product is not returned to the local distributor in the region where the product was originally shipped.

Audio AG will not accept claims for damages of any kind, especially consequential damage. Liability is limited to the value of the Advanced Remote Control. The general terms of business drawn up by Audio AG apply at all times.

11. Appendix

RME news, driver updates and further product information are available on our website:

<http://www.rme-audio.com>

Distributor: Audio AG, Am Pfanderling 60, D-85778 Haimhausen, Tel.: (49) 08133 / 91810

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12. Declaration of Conformity

CE

This device has been tested and found to comply with the limits of the European Council Directive on the approximation of the laws of the member states relating to electromagnetic compatibility according to RL2004/108/EG, and European Low Voltage Directive RL2006/95/EG.

FCC

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RoHS

This product has been soldered lead-free and fulfils the requirements of the RoHS directive.

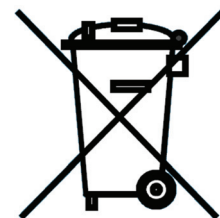
Note on Disposal

According to the guide line RL2002/96/EG (WEEE – Directive on Waste Electrical and Electronic Equipment), valid for all european countries, this product has to be recycled at the end of its lifetime.

In case a disposal of electronic waste is not possible, the recycling can also be done by Audio AG.

For this the device has to be sent **free to the door** to:

Audio AG
Am Pfanderling 60
D-85778 Haimhausen
Germany



Shipments not prepaid will be rejected and returned on the original sender's costs.