

Pro Line

## LIVE · STUDIO · BROADCAST SOLUTIONS



RME

# Content

---

Content	2	HDSPe AIO	14
Babyface PRO	4	HDSP 9632	14
Fireface UFX	6	HDSPe RayDAT	15
Fireface 802	7	HDSP 9652	15
Fireface UCX	8	Expansion Boards	16
Fireface UC	9	Breakout Cables	17
OctaMic XTC	10	Breakout Boxes	18
OctaMic II	11	Rack Mounts	19
QuadMic II	11	Remote Controls	20
ADI-8 DS Mk III	12	TotalMix FX	21
ADI-4 DD	13	Feature Set Comparison	22
ADI-2	13	Glossary	23

# Reliable, innovative Audio Solutions for a professional, effective Workflow



**RME**



# Babyface Pro

## 24-Channel 192 kHz bus-powered professional USB 2.0 Audio Interface

The exciting new Babyface Pro once again demonstrates RME's absolute commitment to superior craftsmanship, not only in audio circuits and driver development, but also in mechanics.

Created with the highest precision from a block of aluminum, this high-end yet portable interface incorporates newly designed analog and digital circuits. Its innovative energy saving technologies provide supreme fidelity with no compromises in level, noise or distortion.

For the main I/O RME have designed a completely new XLR socket, which integrates seamlessly into the housing and saves space. The two headphone outputs, offering TRS and mini-jack sockets in parallel, have completely separate driver stages to perfectly match low and high impedance headphones, guaranteeing pristine sonic results no matter what type of headphone is used.

The clever user interface is informative and clearly laid out. It makes access to every feature and configuration mode of the Babyface Pro intuitive and easy to use. Even in stand-alone mode, routing and mixing of inputs to outputs directly on the device opens a whole world of possible applications.

### Connectivity / Features

- 12 Input and 12 Output channels
- 4 x Analog Inputs (Mic, Line, Instrument)
- 4 x Analog Outputs (2 x XLR, 2 x Phones)
- 1 x ADAT I/O or 1 x SPDIF I/O optical
- 1 x MIDI I/O
- 1 x USB 2.0 (USB 3 compatible)
- Digital Gain control on all inputs
- Separate outputs for high and low impedance headphones
- TotalMix FX (with EQ, Reverb, Delay)



## The Pro Features of the new Babyface

Babyface Pro's two digitally controlled preamps provide individually switchable 48V phantom power. These brand new circuits feature gain of up to 76 dB, adjustable in steps of 1 dB, plus a relay-driven PAD, resulting in exceptional EIN (Equivalent Input Noise) performance as well as line overload protection, and enough gain for even the lowest level microphones. Latest generation low latency AD/DA converters, combined with RME's unique SteadyClock technology, result in exceptional specifications that will satisfy the most demanding of professionals.

Babyface Pro's incredibly efficient design almost never requires an external power supply – it's perfectly stable on USB 3 bus power, and also most USB 2 ports, with no degradation in any technical specification. This makes it perfect for mobile recording, even with a pair of your favourite condenser microphones.

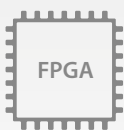
The comprehensive feature set continues with an optical TOSLINK I/O; use as either an ADAT port with SMUX support or SPDIF for sessions up to 192 kHz.

In combination with an external ADAT converter, the Babyface Pro fully supports 12 analog inputs as well as 12 outputs, making it ideal for both live and studio multi-track applications. You can plug any instrument, line or high impedance, into Babyface Pro's jack inputs 3 & 4. Record your guitar on the go, with no additional hardware required. MIDI I/O via an included breakout cable completes the package.

Babyface Pro ships with RME's TotalMix FX, available for Windows, Mac OS X and iOS. This amazingly versatile software allows you to use Babyface Pro in every situation. You can do something as simple as mixing together your guitar and vocal to headphones. The FPGA-based DSP mixer adds a flexible, 3-band parametric equalizer to all inputs and outputs. Reverb and delay FX are also onboard.

Combining a huge feature set with sonic excellence and intuitive control, whether for the studio or on the move, the RME Babyface Pro is the most comprehensive and versatile compact audio interface ever built.

### Including the latest RME Audio Technology:



FPGA Chip



Class Compliant



SteadyClock™



TotalMix FX

For more technical specifications and feature list please visit [www.rme-audio.com](http://www.rme-audio.com).





# Fireface UFX

## 60-Channel USB & FireWire Audio Interface

Ultra-low latency operation with USB and FireWire, combined with the legendary RME driver stability and maintenance. Including active jitter suppression, professional reference level support, advanced stand-alone functionality, RME's unique DIGICheck metering and analysis toolbox, and - of course - nearly identical operation and features on Windows and Mac.

RME's Fireface flagship is a highly integrated pro audio solution, a full-blown studio packed in a 19" enclosure.

An interface designed for users who don't want to make compromises in sound, stability and ultra-low latency operation, and who long for an unrivaled professional feature set.

### Connectivity / Features

- 30 Input / 30 Output channels
- 12 x Analog I/O
- 4 x Mic/Instrument Preamp, digitally controlled
- 2 x Phones Output
- 1 x AES/EBU I/O
- 2 x ADAT I/O  
(or 1 x ADAT I/O plus 1 x SPDIF I/O optical)
- 1 x Word Clock I/O
- 2 x MIDI I/O
- FireWire or USB operation
- Class Compliant Mode
- DURec (Direct USB Recording)
- Optional: Advanced Remote Control (ARC)

San Diego State  
University California

Markus Burger (Professor):

*"The RME drivers are superb and working with TotalMix FX is a no-brainer."*





# Fireface 802

## 60-Channel USB & FireWire Audio Interface

An interface designed for users who don't want to make compromises in sound, stability and ultra-low latency operation, and who long for an unrivaled professional feature set.

With the latest TotalMix FX the Fireface 802 not only enters the full mixing, monitoring and effects processing world of RME's UCX and UFX, but also adds Class Compliant mode, allowing the Fireface 802 to be fully controlled from an iPad™ with RME's TotalMix FX App.

Once again a milestone audio interface from RME, including the best of the best and even a bit more.

### Connectivity / Features

- 30 Input / 30 Output channels
- 12 x Analog I/O
- 4 x Mic/Instrument Preamp
- 2 x Phones Output
- 1 x AES/EBU I/O
- 2 x ADAT I/O  
(or 1 x ADAT I/O plus 1 x SPDIF I/O optical)
- 1 x Word Clock I/O
- 1 x MIDI I/O
- FireWire or USB operation
- Class Compliant Mode
- Optional: Advanced Remote Control (ARC)





# Fireface UCX

## 36-Channel USB & FireWire Audio Interface

The Fireface UCX is a highly integrated pro audio solution in an ultra-compact format for studio and live recordings. It continues RME's long tradition of designing compact high-end interfaces, packing into a half-rack size unit what usually would be spread out over two or three 19 inch panels.

In a tremendous effort RME packed once again all the latest technologies, introduced with the award winning flagship UFX, plus a bunch of newly developed ones, into a half 19 inch housing with full mobile usability.

RME's UCX can boot into Class Complaint mode, making it the world's first professional audio interface to work with Apple's iPad (Lightning to USB adapter required).

### Connectivity / Features

- 18 Input / 18 Output channels
- 8 x Analog I/O
- 2 x Mic/Line Preamp, digitally controlled
- 2 x Line/Instrument Input, digitally controlled
- 1 x Phones Output
- 1 x SPDIF I/O coaxial
- 1 x ADAT I/O (or 1 x SPDIF I/O optical)
- 1 x Word Clock I/O
- 2 x MIDI I/O
- FireWire or USB operation
- Class Compliant Mode
- Optional: Advanced Remote Control (ARC)
- Optional: 19" Rackmount Kit (RM19)



## Ahrue Luster

(III Niño, Machine Head)

*"RME's sound quality is crystal clear, and very transparent, and RME's drivers are the absolute best in the industry, with no one even coming in as a close second..."*





# Fireface UC

## 36-Channel high-speed USB 2.0 Audio Interface

The “USB Compact” not only makes the leading-edge RME Fireface technology available for every USB-featured PC and Mac computer, it also provides a unique low latency concept and a high grade of performance and compatibility, making the dream of the perfect mobile pro audio recording solution come true.

The Fireface UC features all of the proven RME analog and digital circuitry. It is the only device in its class with active jitter suppression, enhanced stand-alone functionality and complete controllability from the front panel, highly flexible I/Os in professional quality, and an unsurpassed 648-channel matrix router - at sample rates of up to 192 kHz.

### Connectivity / Features

- 18 Input / 18 Output channels
- 8 x Analog I/O
- 2 x Mic/Line Preamp, digitally controlled
- 2 x Line/Instrument Input, digitally controlled
- 1 x Phones Output
- 1 x SPDIF I/O coaxial
- 1 x ADAT I/O  
(or 1 x SPDIF I/O optical)
- 1 x Word Clock I/O
- 2 x MIDI I/O
- Optional: 19" Rackmount Kit (RM19)





## OctaMic XTC

### 8-Channel Mic Preamp & AD Converter with Multi-Format I/O

The OctaMic XTC represents a new generation of top-class microphone, line and instrument preamp, high-end A/D converter, digital patchbay and format converter, monitoring device, and last but not least the most flexible frontend for Apple's iPad™.

With the OctaMic XTC eight microphone and line inputs, four switchable to Hi-Z mode, meet an unrivaled variety of digital connection protocols - from common ADAT and AES/EBU to sophisticated 64-channel MADI optical.

Analog signals are converted with RME's latest converter technology. Maintaining the excellent sound and frequency response that RME converters are known for, this preamp excels in an extraordinary gain range, extremely low latencies and stunning EIN and signal to noise ratios.

### Connectivity / Features

- 8 x Mic/Line Preamp, digitally controlled (4 x PAD, 4 x Hi-Z switchable)
- 2 x Phones Output
- 4 x AES/EBU I/O
- 1 x ADAT I/O (SMUX and SMUX4)
- 1 x MADI I/O optical
- 1 x MIDI I/O over MADI
- 1 x MIDI I/O over DIN
- 2 x MIDI I/O over USB
- 1 x USB 2.0
- Class Compliant Mode



## Mezzoforte

Eythor Gunnarsson (Keyboards)

*"OctaMic XTC together with Fireface UFX:  
A perfect combination!"*



## OctaMic II

### 8-Channel Mic Preamp & AD Converter

The OctaMic II provides 8-Channel 192 kHz / 24 bit AD conversion with eight high class microphone and line pre-amplification channels, featuring a combination of sophisticated components and approved RME technology.

Lowest distortion, excellent signal to noise ratio and perfectly linear frequency response transmit and amplify the microphone signals truly unchanged.

OctaMic II offers 8 balanced XLR mic / line inputs via Neutrik XLR/TRS combo jacks. Each channel contains switches for 48V phantom power, a low cut filter and phase reversal. Amplification can be set between 6 and 60 dB. LEDs for signal, clip, and activated phantom power give a complete overview on the unit's status.



## QuadMic II

### 4-Channel portable Mic Preamp

Excellent Signal to Noise Ratio, lowest harmonic distortions and wide gain range make the QuadMic II a first choice for superior recordings.

Each of the 4 channels features balanced microphone and line inputs with Neutrik XLR/TRS combo jacks, switchable 48 V phantom power, phase reversal and a low cut filter. All channels are also equipped with LEDs for signal presence, clip state, and activated phantom power. The input amplification can be set from 6 to 60 dB. The balanced line level output signals are provided on the rear of the unit as four 6.3 mm (1/4") TRS jacks.

Since the unit runs on supply voltages from 9 to 18 V DC, it can operate on virtually any power source available, including batteries and rechargeable batteries.

### Connectivity / Features

- 8 x Mic/Line Preamp (XLR/TRS Combo)
- 8 x Line Output (TRS balanced)
- 8 x AD Converter (up to 192 kHz)
- 2 x ADAT Output (SMUX)
- 4 x AES/EBU Output (D-Sub)
- 1 x AES/SPDIF Sync Input
- 8 x Phase, Low Cut and Phantom Power
- Clip Hold Memory

### Connectivity / Features

- 4 x Mic/Line Preamp (XLR/TRS Combo)
- 4 x Line Output (TRS balanced)
- 4 x Phase, Low Cut and Phantom Power
- DC powered, battery compatible
- Low power / wide range DC operation
- Optional: 19" Rackmount Kit (RM19-X)



# ADI-8 DS Mk III

## 8-Channel AD/DD/DA Converter

The ADI-8 DS Mk III is a highly flexible 8-channel AD/DA converter and digital to digital format converter with an unrivalled set of features. The device combines excellent analog circuit design with outstanding low latency AD/DA converter chips. Along with SteadyClock™, the DS offers AD and DA conversion of the highest quality, redefining the reference class of analog/digital converters.

**Digital Patch Mode.** A digital PatchBay with free choice of source and destination setup can be used to convert ADAT to AES, AES to ADAT, cross-convert them at the same time, pass ADAT on to ADAT while monitored analog, and many more. The ADAT outputs also feature copy mode for connection of two different ADAT devices. These powerful and easy to use modes add significant value to the already outstanding conversion quality.

### Connectivity / Features

- 8 x Analog Input  
(TRS balanced up to +24 dBu)
- 8 x Analog Output  
(TRS balanced up to +24 dBu)
- 4 x AES/EBU I/O  
(8 channels @ 192 kHz via D-Sub)
- 2 x ADAT I/O (SMUX and SMUX4)
- 1 x Word Clock I/O
- Digital Patch Mode



### Ken "Pooch" Van Druten

(FOH Live Sound Engineer for Kid Rock, Linkin Park, Pantera, KISS, Jay Z and many more)

*"I religiously use RME products. RME has the best sounding interfaces, preamps, and accessories, hands down."*





## ADI-4 DD

### 8-Channel AES/ADAT Format Converter

RME's ADI-4 DD is a cost efficient AES to ADAT and ADAT to AES converter. Support for up to 96 kHz and built-in jitter suppression is just two of several outstanding features.

The device essentially consists of two converters: four AES/EBU inputs to double ADAT outputs, and double ADAT inputs to four AES/EBU outputs. The double ADAT ports enable full 8 channel support, from 32 kHz up to 96 kHz (S/MUX). The unit provides one XLR I/O directly. A 25-pin D-Sub connector allows for the use of industry standard AES/EBU I/O breakout cables.

Setting an internal connector easily changes the D-Sub 25-pin connector to match the pinout of Tascam (Digidesign), Yamaha and Euphonix cables. The AES output signal can be set to Professional or Consumer subcode. Channel 1/2 can also be received and transmitted optically (TOSLINK).

### Connectivity / Features

- 5 x AES/EBU I/O  
(1 x via XLR, 4 x via D-Sub)
- 2 x ADAT I/O (SMUX)
- 1 x SPDIF I/O optical  
(instead 2nd ADAT I/O)
- 1 x Word Clock I/O
- Optional: 19" Rackmount (Unirack)



## ADI-2

### 2-Channel high-end AD/DA Converter

The ADI-2 is a compact and flexible 2-channel reference class AD/DA converter. It offers AD/DA conversion with up to 192 kHz in top notch quality. The ADI-2 is remarkably versatile as it is able to handle digital signals in SPDIF and AES/EBU as well as in the ADAT format.

Key features include balanced inputs and outputs, monitoring via headphone out, SteadyClock™-controlled converters and 3-stage hardware controlled input and output levels.

The ADI-2 is equipped with a balanced stereo line input with two Neutrik XLR combo jacks, a balanced stereo line output with XLR plus separate TRS jacks in parallel, and an adjustable high-power headphone output. The volume pot on the front optionally controls not only the front headphone output, but the rear line outputs as well.

### Connectivity / Features

- 2 x Analog Input (XLR/TRS Combo)
- 2 x Analog Output (XLR and TRS)
- 1 x SPDIF I/O optical  
(or ADAT I/O channel 1/2)
- 1 x SPDIF I/O coaxial
- 1 x Phones Output
- Optional: 19" Rackmount Kit (RM19)



## HDSPe AIO

### 38-Channel PCI Express Card with Multi-Format I/O

HDSPe AIO is the PCI Express successor of the HDSP 9632. A newly developed genuine PCI Express core consequently takes full advantage of the new format, achieving significant performance gains in multi-track audio and lowest latency.

In direct comparison the AIO adds an independent head-phone output (4 channel DA conversion), 192 kHz ADAT operation, support for the TCO and independent SPDIF & AES/EBU I/O.

#### Breakout Cables



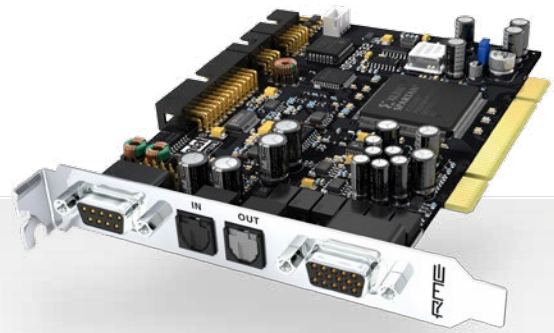
Standard analog I/O cable (included)  
Part Number BO9632CMKH



Balanced analog I/O cable (optional)  
Part Number BO9632XLRMKH

### Connectivity / Features

- Up to 18 Input / 20 Output channels
- 1 x Stereo Analog I/O (192 kHz)
- 1 x ADAT I/O (up to 192 kHz via S/MUX4)
- 1 x SPDIF I/O (192 kHz)
- 1 x AES/EBU I/O (192 kHz)
- 1 x Phones Output (separate DAC)
- 1 x MIDI I/O
- Optional: 4 additional Analog I/Os
- Optional: Time Code Option (HDSP-TCO)
- Optional: Word Clock Module (WCM)



## HDSP 9632

### 32-Channel PCI Card with Multi-Format I/O

The HDSP 9632 PCI card was the first All-In One solution for every possible application come true.

As usual, RME didn't make any compromises: high-class 192 kHz AD- and DA-converters with more than 110 dB signal to noise ratio, all inputs and outputs simultaneously operational, easy-to-install optional hi-quality analog expansion boards, the famous TotalMix and the precisely developed sensational clock section with maximum jitter suppression of external clock signals - all this combines into a 'Multi-Format I/O' sound card that became the reference for all other PCI audio interfaces.

### Connectivity / Features

- Up to 16 Input / 16 Output channels
- 1 x Stereo Analog I/O (192 kHz)
- 1 x ADAT I/O (up to 96 kHz via S/MUX)
- 1 x SPDIF I/O (192 kHz)
- 1 x Phones Output
- 1 x MIDI I/O
- Optional: 4 additional Analog I/Os
- Optional: Word Clock Module (WCM)



## HDSPe RayDAT

### 72-Channel PCI Express Card with ADAT, SPDIF and AES I/O

HDSPe RayDAT is the PCI Express successor of the HDSP 9652 and can be regarded as the ideal solution from recording up to the final mastering.

RayDAT offers 4 x ADAT optical I/O, SPDIF I/O and AES/EBU I/O. All 36 inputs and 36 playback channels can be routed and mixed independently, including S/PDIF and AES/EBU, which are simultaneously operational due to separated hardware and record/playback devices.

On top, there are 2 MIDI I/Os and TotalMix, RME's unsurpassed DSP-based real-time mixer/router, with hardware-calculated level metering and complete MIDI remote capability. RayDAT also supports the optional TCO Module for LTC timecode and video clock synchronization.

#### Connectivity / Features

- 36 Input / 36 Output channels
- 4 x ADAT I/O (optical)
- 1 x SPDIF I/O (coaxial)
- 1 x AES/EBU I/O (XLR)
- 2 x MIDI I/O
- Optional: Time Code Option (HDSP-TCO)
- Optional: Word Clock Module (WCM)



## HDSP 9652

### 52-Channel PCI Card with ADAT and SPDIF I/O

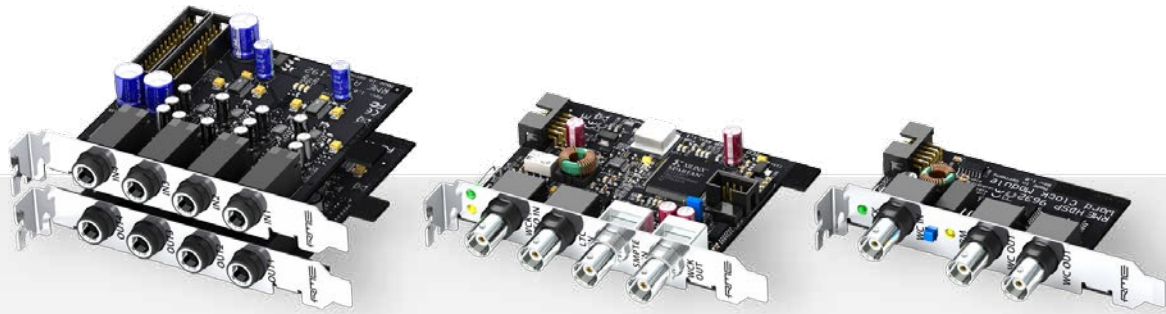
The HDSP 9652 is known as *the* studio standard digital I/O card, which turns every computer into a powerful Digital Audio Workstation (DAW).

The PCI card combines superb handling and stability with extremely low latency. All 26 input and 26 playback channels can be routed and mixed independently making it the ideal interface to any ADAT I/O-equipped mixer, or to RME's high-end analog devices.

HDSP 9652 offers 3 x ADAT optical I/O, ADAT-Sync In, SPDIF I/O and Word Clock I/O. There are 2 MIDI I/Os and TotalMix, a DSP-based real-time mixer/router, with hardware-calculated level metering and complete MIDI remote capability.

#### Connectivity / Features

- 26 Input / 26 Output channels
- 3 x ADAT I/O
- 1 x SPDIF I/O
- 2 x MIDI I/O
- 1 x Word Clock I/O
- 1 x ADAT Sync In



## AI4S-192 AIO and AO4S-192 AIO

4-Channel 192 kHz AD and DA Modules

These options are analog expansion boards, designed as a bracket with 4 stereo TRS jacks each. AI4S-192 AIO provides four servo-balanced inputs, AO4S-192 AIO provides four servo-balanced outputs. With this a maximum of 6 (including the stereo I/O of the card) inputs and/or outputs can be achieved.

**Supported Cards:** HDSP 9632 and HDSPe AIO.



## Word Clock Module (WCM)

HDSP Word Clock Module

The 9632 Word Clock Module provides a galvanically isolated word clock input and two word clock outputs (BNC connectors). Both outputs have their own driver stages, providing an extremely low jitter signal. A push switch activates 75 Ohm termination for the high impedance input. SteadyClock, part of the PCI card, guarantees excellent performance in all clock modes. Its highly efficient jitter suppression refreshes and cleans up any clock signal, and provides it as reference clock at the two BNC outputs.

**Supported Cards:** HDSP 9632, HDSPe AIO and HDSPe RayDAT.



## HDSP Time Code Option (HDSP-TCO)

HDSP Synchronisation Module

The TCO module is an optional extension for selected RME cards. Placed in a free slot of the computer chassis the TCO will be connected with the HDSPe card via a flat ribbon cable. The small module adds a Word Clock input to the HDSPe card, and offers a synchronization to LTC and video.

**Supported Cards:** All HDSPe PCI Express Cards, HDSP AES-32 and other cards in multi-card usage.







## Analog Breakout Cable, unbalanced

Part Number BO9632CMKH

D-Sub 15-pin to 4 x Cinch Analog, 2 x MIDI, 1 x Phones  
For HDSP 9632 and HDSPe AIO



## Digital Breakout Cable, SPDIF

Part Number BO9632

D-Sub 9-pin to 2 x Cinch Digital  
For HDSP 9632, HDSPe AIO and DIGI Series



## Analog Breakout Cable, balanced

Part Number BO9632XLRMKH

D-Sub 15-pin to 4 x XLR Analog, 2 x MIDI, 1 x Phones  
For HDSP 9632 and HDSPe AIO



## Digital Breakout Cable, AES/EBU & SPDIF

Part Number BO968

D-Sub 9-pin to 2 x Cinch Digital, 2 x XLR Digital  
For HDSP 9632, HDSPe AIO and DIGI Series



## Digital Breakout Cable, SPDIF & ADAT Sync

Part Number BOHDSP9652

D-Sub 9-pin to 2 x Cinch Digital, D-Sub 9-pin  
For HDSP 9652 and DIGI Series



## MIDI Breakout Cable

Part Number BOHDSP9652MIDI

Mini-DIN to 4 x MIDI  
For HDSP 9652, HDSPe RayDAT, HDSP AES-32, HDSPe AES,  
HDSP MADI, HDSPe MADI and Fireface 400/UC/UCX



## BOB-32

### Universal AES/EBU Breakout Box

The BOB-32 breakout box is an advanced solution for interconnecting digital multichannel XLRs and D-Subs.

The box connects 2 x 8 XLR connectors with two 25-pin D-Sub connectors, working basically like two breakout cables. All 16 XLR connectors can be connected to the 19" rack mount unit instead of a typical multicore breakout cable, preventing cable chaos, errors and connection problems.

BOB-32 is pin compatible to the digital TASCAM (=RME) and Yamaha formats. Therefore it is a perfect partner for the HDSPe AES PCI Express Card and all AES/EBU units with D-Sub 25 connectors.

## BOB-16

### Universal Analog Breakout Box

The RME BOB-16 breakout boxes are the perfect rack solutions for interconnecting analog multichannel XLRs with the common D-Sub 25 connector format.



Three different versions are available:

#### BOB-16 I

16 x XLR Input to 2 x D-Sub



#### BOB-16 O

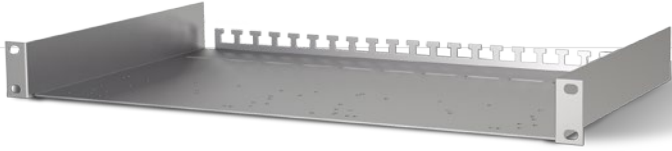
16 x XLR Output to 2 x D-Sub



#### BOB-16 IO

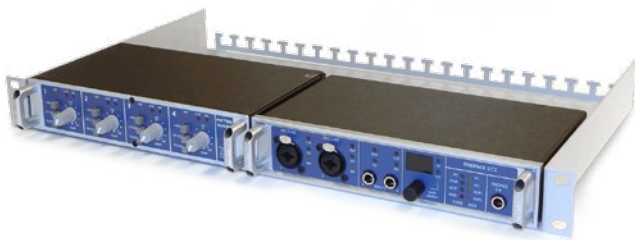
8 x XLR Input and 8 x XLR Output to 2 x D-Sub





## Unirack

19" / 1 RU Universal Rack Mount  
for all RME 9.5" devices



### Features of the new and improved Unirack

- Custom holes for mounting RME 9.5" devices
- More stability due to new, stronger material
- Cable management slots at the back - designed to fit the unit's external power supplies by using cable straps
- Rear slots to use as cable strain reliefs
- Same grey/silver look & feel as the popular RM19-X rackmount adapters



## RM19-X

Rackmount Kit for 9.5" devices



### Compatible to RME 9.5" devices including

- MADiface XT
- QuadMic II
- Fireface UCX
- Fireface UC
- Fireface 400
- Multiface II
- ADI-2



# TotalMix FX



## TotalMix FX

### Mixing/Routing with superior features for Studio and Live Work

Since 2001 TotalMix added unlimited routing and mixing to RME's audio interfaces. Its unique capability to create as many independent submixes as output channels available turned it into the most flexible and powerful mixer of its kind.

With supported hardware, TotalMix FX includes a complete effects system, which not only adds flexibility to the recording chain, but also makes latency saddled software solutions obsolete.

TotalMix FX can completely replace an external mixer, enabling the creation of multiple latency-free monitor mixes with EQ, Dynamics, Reverb and Delay for any outputs, incl. Main monitors and headphone mixes for musicians.

### TotalMix FX for iPad™ App

TotalMix FX for iPad adds full control over hardware mixer and DSP effects for Fireface UCX, UFX, 802 and Babyface when in Class Compliant Mode, and lets users create, store and load complete mixes directly from the iPad.



### RME's Hardware Mixer Features:

- Configurable Mono and Stereo Channels
- Improved Graphics including Zoom States and Brightness Control
- Remote Control with OSC or Mackie Control
- Multiple Remote Support
- Separate Control Room Section
- Cue, flexible Talkback for all Outputs
- Mute, Solo and Fader Groups
- Recall
- External Input
- Local and global TrimGains/Post support with Exclusion
- Hide channels in Mixer GUI, Mackie control and/or OSC
- 2 Row mode
- Assignable F-key Commands
- Mixer snapshot and workspace files compatible with Mac and PC
- Matrix with Mono/Stereo mode
- PFL mode







## ARC

### Advanced Remote Control

The ARC is a tremendous enhancement for interfaces with a dedicated ARC connection port. It updates and increases the flexibility and usability of TotalMix FX for studio and live use. The ARC unleashes the powerful and flexible monitoring controller functionality already built into the audio interface.

#### Programmable TotalMix FX functions (examples)

Talkback, Mono, Mute (Main Out, Global), Phones 1/2 ..., Dim, Recall, Speaker B, External Input, Mic Gain 1/2/3/4 or 1+2 / 3+4 Recall Snapshots, Cue Phones 1/2/3/4, Fader groups, Solo groups, Mute groups

The ARC can be used with all Fireface UCX. UFX can be used from serial number 23241707 on. Older units (typically built before June 2010) require a new digital expansion board. Please contact your local distributor for details.

### Feature Set

- Recall button
- 1 x Push button on the front  
(freely programmable)
- 6 x button LED-equipped  
(freely programmable)

#### Works with

Fireface UFX/UCX/802  
MADiface XT

## BRC

### Basic Remote Control

The BRC provides a solid metal case with a main encoder dial, two push buttons and a 5 m (16 ft.) cable. The BRC connects to a special port on the back of the main unit.

#### Supported features with RME interfaces

- Volume control of the main output and both headphone outputs (switchable)
- DIM (user adjustable value)
- Recall and store of a reference level for the main outputs (user adjustable value)
- The left "Prog" button is programmable. It can control all important functions of the internal hardware mixer TotalMix FX. Among them are Talkback, Speaker B, Mono, Mute, Cue, recall of a mixer snapshot, access to Mute/Solo/Fader groups and much more.

### Feature Set

- Recall button
- 1 x Push button on the front  
(freely programmable)

#### Works with

Fireface UFX/UCX/802  
MADiface XT  
ADI-8 QS

## Pro Line Audio Interfaces Overview

	Fireface UFX	Fireface 802	Fireface UCX	Fireface UC	Babyface Pro
<b>I/O Channel Count</b>	60	60	36	36	24
<b>Inputs</b>	30	30	18	18	12
<b>Outputs</b>	30	30	18	18	12
<b>Analog I/Os</b>	12	12	8	8	4
<b>ADAT I/O (or SPDIF/opt.)</b>	2 (1)	2 (1)	1 (1)	1 (1)	1 (1)
<b>SPDIF I/O coaxial</b>	-	-	1	1	-
<b>AES3 I/O</b>	1	1	-	-	-
<b>MIDI I/Os</b>	2	1	2	2	2
<b>Phones (Stereo)</b>	2	2	1	1	1
<b>XLR Output</b>	2	-	-	-	2
<b>USB</b>	1 x USB 2.0	1 x USB 2.0	1 x USB 2.0	1 x USB 2.0	1 x USB 2.0
<b>FireWire</b>	1 x FW 400	1 x FW 400(800)	1 x FW 400	-	-
<b>Signal to Noise Ratio AD (dB)</b>	110	113	111	111	113
<b>Max. Mic Gain (dB)</b>	65	54	65	65	71
<b>Latency AD / DA Samples</b>	12 / 28	12 / 7	14 / 7	43 / 28	12 / 7
<b>Digitally controlled Mic Preamps</b>	●	-	●	●	●
<b>DURec</b>	●	-	-	-	-
<b>Class Compliant</b>	●	●	●	-	●
<b>Full Stand Alone Operation</b>	●	●	●	-	●
<b>Full Front Panel Operation</b>	●	-	-	-	-
<b>TFT Color Display</b>	●	-	-	-	-
<b>TotalMix FX DSP Effects</b>	●	●	●	-	●
<b>Advanced Remote Support</b>	●	●	●	-	-

## Explanation of RME Technology



DURec

DURec is an integrated digital recorder for all inputs and outputs directly to USB memory devices via the front USB port. The Fireface UFX records on USB thumb drives or hard drives with up to 2 TB capacity. The recording functionality is provided by the internal DSP, and is therefore independent from a connected Windows or Mac computer.

The Direct USB Recording converts the Fireface UFX both into a stand-alone field recorder and a powerful multichannel live player for previous recordings, e. g. for virtual sound checks. Live concerts, band rehearsals or spontaneous jam sessions can be directly recorded and played back from the medium - even completely stand-alone without computer or software. All 60 input and output channels can be individually chosen for recording and playback.



DIGICheck

RME's unique software tool box for metering, testing, measuring and analyzing digital audio streams. 2, 8 or all channel level meters with countless options. Spectral Analyzer, Goniometer and Bit Statistics in professional quality. Even Channel Status readouts are possible. Under Windows DIGICheck also offers a global record function and the direct readout of playback data.



SteadyClock™

RME's jitter suppression technology guarantees perfect sound quality throughout, making the device completely independent from the external clock signal's grade. Due to the highly efficient jitter reduction, the converters operate as if they are working with internal clock all the time - guaranteeing a pristine sound experience!



AutoSet

Automatic gain reduction and overload protection technology. Usually a limiter is used during the recording to prevent clipping of the A/D converter stage. But analog processing would not only spoil the excellent technical specifications of mic preamps but also alter the original sound.

Thanks to the completely digitally controlled gain, devices with AutoSet can reduce the gain automatically, thus providing perfect protection from overload with no degradation of the audio signal, which does not have to pass any additional electronic circuitry. AutoSet also does not cause any of the control noises known from usual limiters.

Pro Line

## LIVE · STUDIO · BROADCAST SOLUTIONS



Worldwide Distribution

**audio ag**

Am Pfanderling 60  
85778 Haimhausen, Germany  
Tel: +49 (0) 8133 / 918170  
Fax: +49 (0)8133 / 9166  
E-Mail: [info@audioag.com](mailto:info@audioag.com)  
Internet: [www.audioag.com](http://www.audioag.com)

Distribution in the Americas

**synthax**  
Inc.

6600 NW 16th Street, Suite 10  
Fort Lauderdale, FL 33313, U.S.A.  
Phone: +1 754-206-4220  
Fax: +1 954-306-6349  
E-Mail: [info@synthax.com](mailto:info@synthax.com)  
Internet: [www.synthax.com](http://www.synthax.com)

Distribution in the UK

**synthax**  
united kingdom

Salisbury Hall, London Colney  
St. Albans, AL2 1BU  
Tel: +44 (0) 1727 821 870  
Fax: +44 (0) 1727 823 554E-Mail: [info@synthax.co.uk](mailto:info@synthax.co.uk)  
Internet: [www.synthax.co.uk](http://www.synthax.co.uk)

**RME**

[www.rme-audio.com](http://www.rme-audio.com)