DTMP
Desk Top
Media Production

EDIROL
by Roland

Interface Products 2007

EDIROL
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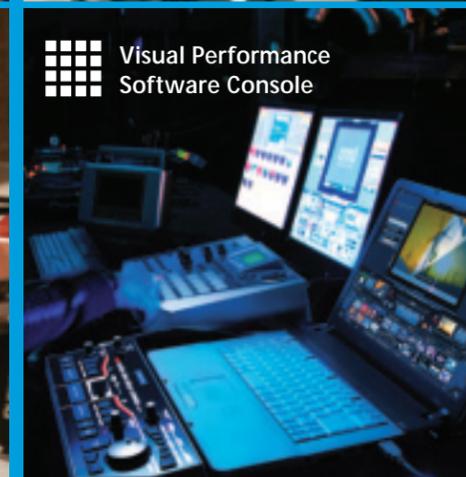Interface Products 2007

Audio Mixers

MIDI Keyboard Controllers

Field Recorders
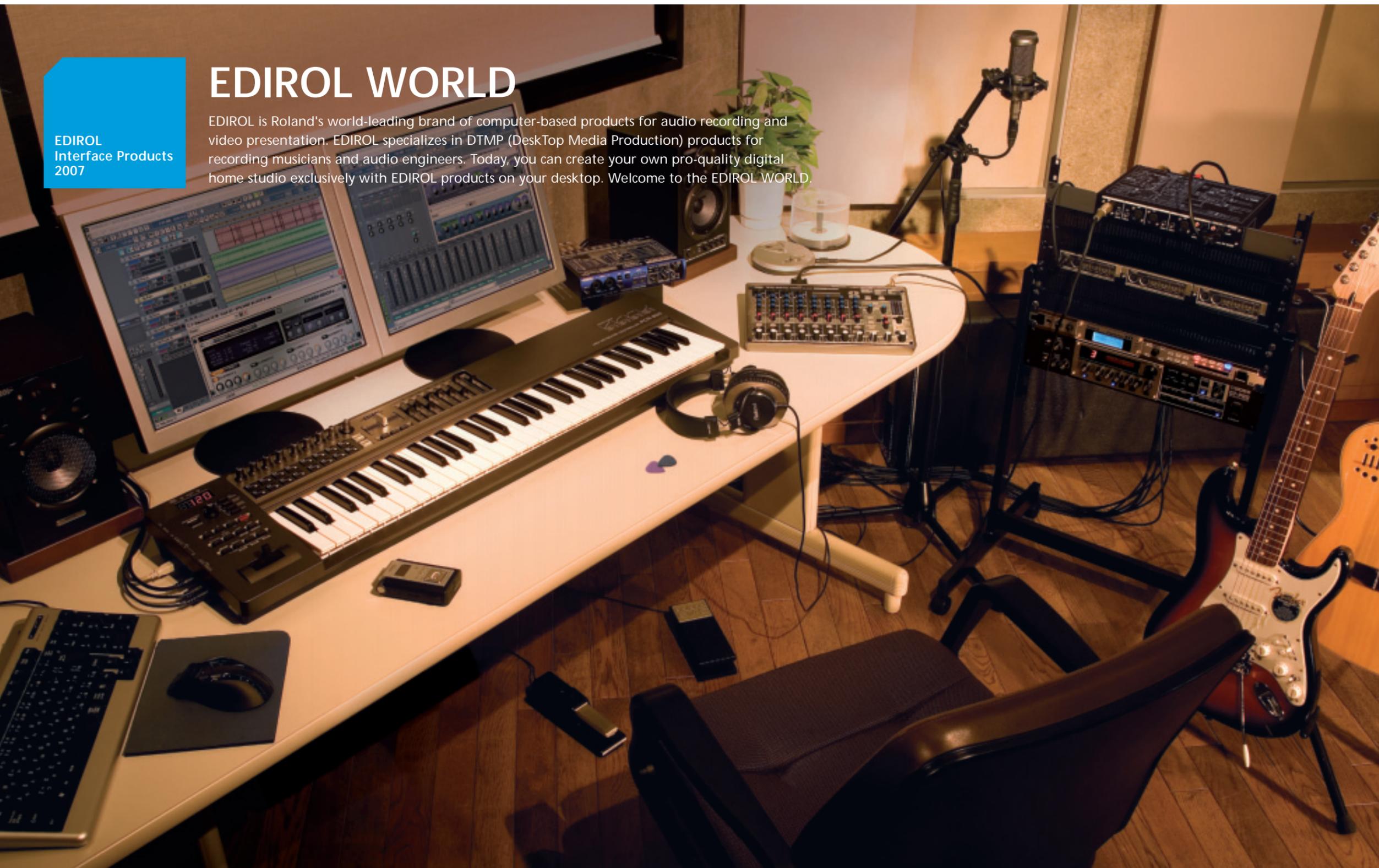
Audio Interfaces

Visual Performance Software Console

Desktop Speakers

Please contact EDIROL distributor in your country, or visit us online at www.EDIROL.net

EDIROL
by Roland

EDIROL Interface Products 2007

EDIROL WORLD

EDIROL is Roland's world-leading brand of computer-based products for audio recording and video presentation. EDIROL specializes in DTMP (DeskTop Media Production) products for recording musicians and audio engineers. Today, you can create your own pro-quality digital home studio exclusively with EDIROL products on your desktop. Welcome to the EDIROL WORLD.

Contents

WHY CHOOSE EDIROL?

History

Backed by Roland's 30-year history as a world leader in creative technologies, EDIROL is a leading DTMP (DeskTop Media Production) product supplier. We have many "world's first" products from EDIROL.

Technology

EDIROL products are forged from Roland's core digital technologies, proprietary DSP, and the latest technology trends, such as support for both Hi-SPEED USB (USB 2.0) and FireWire. Many of EDIROL's audio products blend seamlessly with video equipment via V-LINK. This forward-thinking integration enables new forms of artistic creativity and expression.

Quality

Our company maintains strong relationships with OS manufacturers like Microsoft and Apple, in order for our engineers to develop the highest quality of stable, reliable hardware drivers in the industry. This driver technology is key for software and hardware products to work in perfect harmony.

Origin of the name (Connection to Roland)

The name EDIROL is a fusion of EDI (from "Edit") and ROL (from "Roland"). From the beginning our mission has been to develop new markets with products that reach beyond the realm of digital musical instruments. We create exciting new technologies as well as incorporate the know-how of the Roland Group.

M-16DX
16-Channel Digital Mixer

COSM USB 2.0

SONAR LE

NEW

M-16DX Mix Controller

M-16DX I/O Module

High-Resolution Mixing with Powerful Effects & Graphics

- 16-channel full digital mixer with 24-bit/96 kHz internal processing
- 3-band EQ controls (Q & Freq.) with graphic LCD for precise tone shaping
- Easy-to-use operation with common analog mixer controls
- 2-piece mixer+module design
- "Room Acoustic Control" for automatic room compensation
- Built-in pro-quality effects, including COSM insert effects, reverb effects, and finalize effects
- Flexible analog and digital I/O, including four high-quality mic preamps
- 18-in/2-out USB 2.0 (Hi-SPEED USB) audio interface for computer multi-track recording
- AC adaptor and connection cable (2 m, 6 ft.) included
- Cakewalk SONAR LE CD-ROM included

■ 24-bit/96 kHz Full Digital Audio Processing
Ready to upgrade the quality of your mixes? The M-16DX contains a powerful 24-bit/96 kHz digital processing engine that provides a transparent mixing foundation. Experience the power of accurate, detailed digital mixing, and at a price you can afford.

■ 3-band EQ Controls
Each channel strip is equipped with Low-Cut Filter, 3-Band EQ, Pan, Aux, Select, Solo/Mute, and Level controls. The Midrange EQ has Q & frequency controls for precise tone shaping on each channel. With 24-bit/96 kHz internal digital processing, the original audio source can be shaped using the onboard EQ and effects with no absolutely loss in audio quality.

■ Modular Mixing
Don't let its small footprint deceive you — the M-16DX is a new-generation mixer comprising two modules: the Mix Controller for your desktop, and the I/O Module, which can be mounted in a rack. Together, these two components provide a wide assortment of connection and processing features.

■ EDIROL Innovation — "Room Acoustic Control"
In a portable mixing first, the M-16DX features a high-contrast, backlit LCD that lets you to see the effects in operation, as well a spectrum analysis of your mix! Also onboard is the intelligent Room Acoustic Control function, which automatically analyzes and compensates for the frequency response of your studio. It's fast, easy, and effective.
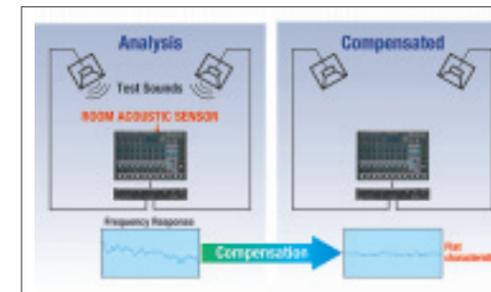
■ Powerful Built-In Effects
A full-featured DSP effects processor is built into the M-16DX, with COSM Insert Effects, Reverb/Echo Effects, and Finalize Effects.

■ Flexible I/O & 18-in/2-out USB 2.0 Audio Interface
Digital and analog connectivity — it's all here, and more. Channels 1–4 contain quality mic preamps with phantom power; channels 1 and 2 also offer Hi-Z switches for directly connecting guitar and bass. Channels 11 and 12 provide direct digital input via S/PDIF coaxial & optical. A USB 2.0 port allows the mixer to work as a multitrack audio interface.

* When using the mixer as a USB audio interface, the Finalize Effects are not available in 96kHz mode.

16-in

18-in

USB

■ Mix Controller Rear Panel

■ I/O Module Front Panel

■ Room Acoustic Control

Analysis — Test Sounds — ROOM ACOUSTIC SENSOR — Frequency Response

Compensated — Compensation — Flat characteristics

■ I/O Module Rear Panel

■ Option

DXC-7
Connection Cable
(7 m / 23 ft.)

M-16DX Mix Controller ● Dimensions 311 (W) x 215.9 (D) x 45.9 (H) mm / 12-1/4 (W) x 8-1/2 (D) x 1-13/16 (H) inches ● Weight 1.2 kg / 2 lbs 11 oz
M-16DX I/O Module ● Dimensions 280 (W) x 219 (D) x 44 (H) mm / 11-1/16 (W) x 8-5/8 (D) x 1-3/4 (H) inches ● Weight 1.6 kg / 3 lbs 9 oz ● www.EDIROL.net/products/en/M-16DX

M-10DX
10-Channel Digital Mixer

COSM

NEW

■ Rear Panel

M-10MX
10-Channel Battery-Powered Mixer

Battery Powered

NEW

■ Front Panel

■ Rear Panel

Portable 24-bit/96 kHz DIGITAL Mixer with Built-In Spectrum Analyzer

■ 10-channel full digital mixer with M-16DX flagship features
■ 3-band EQ controls (Q & Freq.) with graphic LCD for precise tone shaping
■ Easy-to-use operation with common analog mixer controls
■ Portable, all-in-one design
■ "Room Acoustic Control" for instant automatic room compensation
■ Built-in pro-quality Effects, including COSM insert effects, reverb effects, and finalize effects
■ Flexible analog I/O and digital output, including two high-quality mic preamps
■ AC adaptor included

■ Advanced Specs
Based on the same high-resolution processing engine as the flagship M-16DX, the M-10DX provides full 24-bit/96 kHz processing for the ultimate in transparent digital mixing. Mixing is made simple, with dedicated channel controls for 3-Band EQ, Pan, Aux, Select, and Level.
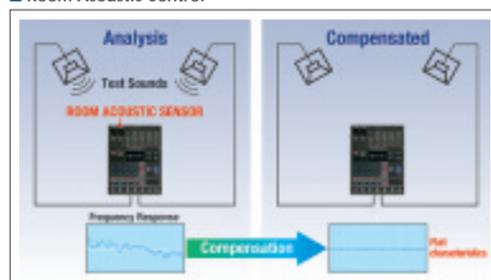
■ Visual Mix Magic
For maximum portability, the M-10DX condenses almost all of the M-16DX's functions into a compact tabletop package for easy portability and use anywhere. It even retains the backlit LCD from its big brother, so you can see the level meters, EQ, and effects in operation as well as a graphical spectrum analysis.

■ 3-Band EQ

■ Room Acoustic Control

The Go-Anywhere Mix Companion

■ Compact and portable, perfect for mobile/field use
■ Wide range of analog inputs and outputs, including two TRS impedance balanced 1/4" output jacks
■ 24-bit/96 kHz S/PDIF coaxial and optical outputs
■ Battery or AC power (AC adaptor included)

■ Compact and Portable
AC or battery power, take your choice. The M-10MX comes with an AC adaptor, but it can also operate on battery power (four AA batteries). Thanks to its compact body and battery operation, the M-10MX is an excellent tool for location video and/or field recording, live mixing, and even podcasting with the EDIROL R-09.

■ Versatility
Connect a wide range of audio devices to the M-10MX, including dynamic microphones, musical instruments, consumer audio devices, video equipment, and audio interfaces for computer audio. The M-10MX's versatile back panel offers 1/4" and RCA input and output ports, plus a dedicated plug-in powered, stereo electret condenser microphone jack, suitable for use with mics such as the EDIROL CS-15. For outputs, two TRS impedance balanced 1/4" phone jacks are provided.

■ Digital Outputs
The M-10MX is equipped with both coaxial and optical S/PDIF 24-bit/96 kHz digital audio outputs, which means you can connect it directly to the S/PDIF digital input of any audio interface, such as the EDIROL UA or FA-series units for recording and mixing entirely in the digital domain. The M-10MX can also be connected digitally to studio monitors such as the EDIROL MA-series or Roland DS-series powered monitors.

5   M-10DX ●Dimensions 98.6 (W) x 262.2 (D) x 60.9 (H) mm / 7-7/8 (W) x 10-3/8 (D) x 2-7/16 (H) inches ●Weight 1.3 kg / 2 lbs 14 oz ●www.EDIROL.net/products/en/M-10DX

M-10MX ●Dimensions 181.2 (W) x 107.5 (D) x 54.0 (H) mm / 7-3/16 (W) x 4-1/4 (D) x 2-1/8 (H) inches ●Weight 393 g / 14 oz ●www.EDIROL.net/products/en/M-10MX   6

CAKEWALK
Production Plus Pack
SONAR LE • Project5 LE • Dimension LE

PCR-800/500/300
MIDI Keyboard Controller

for Microsoft®
Windows® XP/2000

for Mac OS X

USB FPT V-LINK

PCR-800
61 keys

PCR-500
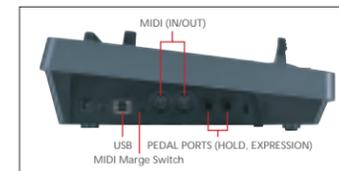**49** keys

PCR-300
32 keys

NEW

NEW

NEW

■ Side Panel

MIDI (IN/OUT)

USB   PEDAL PORTS (HOLD, EXPRESSION)
MIDI Marge Switch

Setting New Standards in Portable MIDI Control

■ 61/49/32 velocity-sensitive keys, now with aftertouch
■ 50 fully assignable controls, and editor software (Mac & PC)
■ 18 velocity pads
■ New, unique crossfader feature
■ High-quality keyboard mechanism, and durable, stable body
■ "Dynamic Mapping" — intelligent assignment of controls
■ Convenient location of connections on side panel
■ USB bus-powered
■ MIDI merge
■ "Cakewalk Production Plus Pack" included (SONAR LE, Project5 LE, and Dimension LE)

■ 50 x Assignable Controllers
The new PCR series offer all the controls of previous models, but with the addition of even more controls that allow players to maximize the playability and operability of their MIDI hardware and software.

Name	Numbers
Knobs	9
45 mm sliders	9
Cross-fader	1
Velocity Pads	18
Buttons	7
Pedal switch	1
Volume pedal	1
Modulation lever	1
Bender lever	1
Velocity Pads	1
Rotary encoder	1
Total	50

■ Assignable Controls & 18 x Velocity Pads
The new PCR series has all the existing controls of the previous range, but adds exciting new features, such as velocity pads — perfect for playing drums and triggering sampler phrases. These precision pads can operate as buttons or velocity pads, and the handy LED indicators identify which of the two modes is selected.

■ Unique Crossfader & Long-Throw Sliders
The new Cross-fader allows control of two parameters at the same time, and can be used to control synthesizer filters, DJ gestures, and more. The new longer-throw sliders can control eight track faders and one master fader, or function as organ drawbars.

■ High-Quality Keyboards with Aftertouch
The new ultra-sensitive keyboards provide a wider dynamic range under the player's fingertips, while new aftertouch sensors allow the keyboardist to play more expressively. Smooth key action, keys shaped for comfortable glissando playing, silent operation, and stable key mounting all contribute to the enhanced playability of these keyboards.

■ Intelligent "Dynamic Mapping" and Editor Software
Dynamic Mapping allows the PCR to automatically assign its physical controls to the most important parameters (e.g. in the current window of the software being used). Fifteen user memory locations are provided for storing your favorite setups. When using software that's not compatible with Dynamic Mapping, you can manually configure the Control Map settings from the PCR itself or the included PCR Editor Software (Mac or PC).

■ PCR Editor

■ Side Panel Connections for Streamlined Routing
The rear panel of the keyboard is free of connections so that you can easily have a computer display (e.g. LCD monitor), ASCII keyboard, mouse & mouse pad, or laptop computer behind the keyboard - in the ideal position for use. This is especially beneficial for educational users in class rooms where space is often restricted. All connections are located on the left side - USB, MIDI IN/OUT plus separate Hold and Expression pedal ports. The PCR keyboard works with USB bus power. AC adaptor not required. (The optional PSB series AC adaptor is sold separately.) Convenient MIDI Merge capability from the MIDI input to either the MIDI output or to the computer via USB, is also provided.

■ Rear Panel

PCR-800

■ Options

AC adaptors
PSB series
(PSB-120 / 230EU / 230UK / 240A)

PSB-120

PCR-800 ●Dimensions 1001.9 (W) x 250.8 (D) x 91.4 (H) mm / 39-1/2 (W) x 9-7/8 (D) x 3-5/8(H) inches ●Weight 4.5kg / 9 lbs 15 oz ●www.EDIROL.net/products/en/PCR-800
PCR-500 ●Dimensions 838.9 (W) x 250.8 (D) x 91.4 (H) mm / 33-1/16 (W) x 9-7/8 (D) x 3-5/8(H) inches ●Weight 3.8kg / 8 lbs 7 oz ●www.EDIROL.net/products/en/PCR-500
PCR-300 ●Dimensions 605.9 (W) x 250.8 (D) x 91.4 (H) mm / 23-7/8 (W) x 9-7/8 (D) x 3-5/8(H) inches ●Weight 2.9kg / 6 lbs 7 oz ●www.EDIROL.net/products/en/PCR-300

Cakewalk Production Plus Pack

SONAR LE • Project5 LE • Dimension LE

for Microsoft® Windows® XP | WDM | ASIO™ | DXi | Fraunhofer Institut Integrierte Schaltungen

Three of Cakewalk's industry-leading and award-winning music software applications are available to you in this box. These special, limited editions of Cakewalk's most popular titles will improve your music making experience with their intuitive operation and high performance. These instantly create an optimal computer environment that maximizes the potential power and value of the PCR keyboards.

EDIROL Products bundled with Cakewalk Production Plus Pack
● PCR-800 ● PCR-500 ● PCR-300

Visit us online at **www.cakewalk.com**

SONAR LE

DIGITAL AUDIO WORKSTATION

SONAR LE is a digital audio workstation based on the core-features of Cakewalk's award-winning SONAR. Key features include high quality multi-track audio recording up to 24-bit/192 kHz with 32-bit floating point internal processing, high-resolution MIDI sequencing with support for virtual instruments, and mixing with professional effects. SONAR LE also makes it easy to create backing tracks with integrated audio looping tools. For more details, visit www.SONARLE.com.

project5 LE

MUSIC.INSPIRED

Project5 LE is a virtual instrument workstation with an incredible pattern-based music production environment. Project5 LE includes 4 virtual instruments and 6 audio effects, and you can add more with support for VST and DirectX. Project5's unique GrooveMatrix combines together with PCR keyboard controllers for a dynamic real time music performance and composition tool. For more details on the full version of Project5, visit www.Project5.com.

DIMENSION LE

AMAZING SOUNDS. ENDLESS POSSIBILITIES.

Dimension LE software synthesizer combines real instrument sounds with advanced synthesis to give you almost any sound you can imagine. Dimension LE offers unparalleled sound quality with an exclusive non-aliasing engine. Dimension LE includes a 100 MB Sample library to get you started, and you can create your own sounds with Dimension LE's 4-element synthesis engine, sfz multi-samples, WAV and AIFF files.

■ SONAR LE Screenshot

■ Project5 LE Screenshot

■ Dimension LE Screenshot

Bundled Plug-in Synths

■ DreamStation   ■ Cyclone   ■ VELOCITY   ■ DS864   ■ PSYN II   ■ nPULSE

Digital Audio Workstation

SONAR LE
DIGITAL AUDIO WORKSTATION

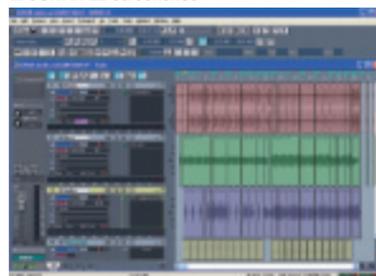for Microsoft® Windows® XP | WDM | ASIO™ | DXi | Fraunhofer Institut Integrierte Schaltungen

It is bundled free-of-charge with EDIROL products. As a fully featured Windows DAW application, SONAR has continued to evolve and improve. SONAR LE is a concentrated version of the advanced SONAR application that has continued to win awards and attract users. Experience the capabilities of SONAR with its advanced yet easy-to-use functions.

EDIROL Products bundled with SONAR LE
● M-16DX ● UA-101 ● UA-25 ● UA-4FX ● PCR-M80 ● PCR-M50 ● PCR-M30 ● PCR-M1 ● PC-50 ● PC-80 ● SD-20

Visit us online at **www.SONARLE.com**

■ Track View

■ Dynamic Console View

■ Cyclone DXi

■ DreamStation DXi
● Two plug-in synthesizers are included: the DreamStation DXi, which simulates various analog synth sounds, and the Cyclone DXi groove sampler.

■ Spectra FX
● Plenty of useful plug-in effects are included with SONAR LE, such as EQ, compressor, delay, reverb, and Spectra FX, which let you process and manipulate audio to your exact specifications.

■ **Audio and MIDI functions imbued with advanced SONAR quality**
High-level specs, including up to 24-bit/192 kHz resolution and 32-bit floating point internal processing. Joint tempo/pitch processing is easy; ACID-compatible loops are also supported. Detailed editing of pitch, pan, and gain in slices is possible using Loop Construction View. SONAR LE also features high-resolution MIDI sequencing function with up to 960 ticks per quarter note, and breakthrough functions such as MIDI Groove Clip, which allows you to handle MIDI data as you would audio loops.

■ **SONAR's user friendliness onboard**
An attraction of SONAR LE is its amazing ease of use. For example, the Track Inspector allows you to directly access the parameters of selected tracks at the Track View screen. Troublesome operation is done away with thanks to SONAR LE's ability to switch to the Mixer screen when creating sounds.

■ **Expandable with plug-in synthesizer/effects**
Thanks to SONAR LE's compatibility with DirectX, DXi and VST/VSTi formats, various plug-in synthesizer and plug-in effects can be put to work for a wide range of tasks. ReWire™ 2.0 is also supported in SONAR LE, so you can seamlessly work with compatible soft synths and loop sequencers. SONAR LE comes with two types of highly-usable plug-in synths and various plug-in effects. Powerful music creation can begin from the moment the program is installed.

Sidebar (right): Audio Mixers | MIDI Keyboard Controllers | Field Recorders | Audio Interfaces | MIDI Interfaces/ Sound Synthesis | Visual Performance Software Console | Desktop Speakers/ Others

24 bit WAVE / MP3 RECORDER

R-09

Audio Mixers

MIDI Keyboard Controllers

Field Recorders

Audio Interfaces

MIDI Interfaces/
Sound Synthesis

Visual Performance
Software Console

Desktop Speakers/
Others

12

R-09
24-bit WAVE/MP3 Recorder

for Microsoft® Windows® XP/2000/Me | for Mac OS | USB 2.0 | SDHC

EDIROL R-09 won the "MIA Music Awards 2006" at The Music Industries Association's Music Awards 2006 held in London.

Music Awards 2006 WINNER

R-09W   R-09R

New Color Options!
The R-09 is now available in three attractive color choices: black (R-09), white (R-09W), and red (R-09R). Record with quality, and express yourself with color.

*Red and white models may not be available in all regions. Please contact your local EDIROL/Roland distributor for details.

Pristine 24-bit Recording to Go

- 24-bit/48 kHz (or 44.1 kHz) uncompressed recording
- Up to 320 kbps MP3 playback and recording
- Records to SD/SDHC card (Up to 4 GB, 64 MB card included)
- High-grade stereo condenser microphone built in
- Isolated Adaptive Recording Circuit (I.A.R.C.)*
- Mic and Line audio inputs; USB I/O, S/PDIF optical out
- Easy operation, user-friendly graphic display
- Ultra portable, half the size of the R-1
- Long battery life (AA type)

Crystal-Clear Capture

It's ultra small and looks like a gadget, but make no mistake — the R-09 is a serious, top-quality professional recorder. Capture source material at a crystal-clean 24-bit resolution with your choice of 44.1 or 48 kHz sample rates. You can record and play back in MP3 format as well (up to 320 kbps). Once recorded, your files can be monitored through the R-09's headphone jack and/or exported to a computer via Hi-SPEED USB (USB 2.0).

Microphone Included

To record audio into the R-09, there's no extra gear to buy or no cables to connect. A quality stereo microphone is built right into the unit, complete with a dedicated input control, mono/stereo selector, low-cut filter, and gain boost. Just point and record! If you wish to use an external microphone, the R-09 offers a 1/4" mic input.

■ Built-in microphone

While compact, a stereo microphone is built in that allows you to achieve natural stereo capture through X/Y-type allocation.

■ Sweetening

The R-09 is more affordable than its predecessor, the R-1. One reason the R-1 carries a heavier price tag is because of its well-stocked lineup of internal effects. The R-09 isn't devoid of effects, however. It contains the world's most-requested/desired effect: reverb. Whether you're listening to WAV or MP3 files, you can route the R-09's playback through its internal reverb processor.

■ More Than Music

The R-09 is perfect for capturing live music events, recitals, and rehearsals. It's also handy as a songwriter's sketchpad, ensuring that no moment of inspiration is lost. But the R-09 has many valuable uses outside of the music world as well. Students can use it to record lectures. Broadcasters and journalists can throw away their antiquated cassette recorders and use the R-09 for in-the-field interviews. Wherever, whenever there's a need to capture audio, the R-09 can do it hassle-free thanks to its built-in microphone and long battery operation.

■ Recording Time   (unit:minutes)

Data Format	Memory Size					
	Accessory	Options				
	64 MB	128 MB	512 MB	1 GB	2 GB	4 GB
WAV (24-bit/48 kHz)	3	7	27	54	110	220
WAV (24-bit/44.1 kHz)	3	7	29	59	120	240
WAV (16-bit/48 kHz)	5	10	40	81	166	330
WAV (16-bit/44.1 kHz)	5	11	44	88	180	360
MP3, 320 kbps	25	50	196	392	797	1,590
MP3, 128 kbps	62	126	490	980	1,993	3,800

* Each stereo recording time above is an approximate estimate.
* The R-09 generates a stereo file by default. With the Mono Sw turned On, the R-09 records the same audio to both the L & R channels.

R-09/R-09W/R-09R ● Dimensions 62.6 (W) x 102 (D) x 29.1 (H) mm / 2-1/2 (W) x 4-1/16 (D) x 1-3/16 (H) inches ● Weight 145 g / 6 oz (including SD memory and batteries)
● www.EDIROL.net/products/en/R-09

* I.A.R.C.: The input circuitry of the R-09 provides a separate power supply between the Analog Limiter and AD converter. This eliminates DC interference and results in an overall better quality recording.

SDHC | SDHC Logo is a trademark.

R-09 Accessories

CB-R09S
Carrying Case for R-09

Transport the R-09 and its accessories in one convenient padded carrying case.

CS-15
Stereo Microphone for R-09

For serious field recording, the optional CS-15 cardioid-type stereo microphone is a great match for the R-09. For portability and convenience, the R-09 supplies the power to the mic. Bundled with the microphone are a desktop stand, a hand-held mount, and a windscreen.

OP-R09C
Cover/Stand Set for R-09

The OP-R09C package includes a small tripod and a protective cover for the R-09. The cover has holes for accessing the buttons, plus a belt clip, and a screw hole for attachment to the tripod base.

OP-R09M
Microphone Stand Adaptor

The OP-R09M Microphone Stand Adaptor enables you to fix the R-09 on the microphone stand even when covered with the OP-R09C.

OP-R09P
Pouch for R-09

NEW

Transport your EDIROL R-09 in style with the new OP-R09P cushioned carrying pouch. In addition to the protective compartment for the R-09 itself, the pouch also comes with a belt clip and a pocket for accessories such as batteries and SD cards.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

ST-100MB
Microphone Stand

NEW

Mic stands are often heavy and cumbersome, but not the new ST-100MB. Made of strong-but-lightweight aluminum, the ST-100MB boom stand is super easy to transport. It's perfect for items such as Roland's DR-series microphones or EDIROL's R-09 that don't require heavy-duty mounting. The ST-100MB package includes the mic stand, mic clip, and Roland-logo carrying case.

Roland®

ST-100MB ● Stand height 1015 to 1682 mm / 40 to 66-1/4 inches ● Boom length 762 mm / 30 inches ● Weight 1.65 kg / 3 lbs 11 oz
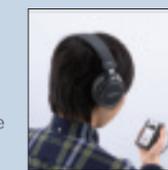
RH-300
Stereo Headphones

- Optimized headphones with flat, accurate sound quality for the latest electronic digital musical instruments
- Newly developed 45mm driver with neodymium magnet offers full dynamic range and stable output, even on large input surges
- Able to reproduce fast attack transients, such as those from Fantom-X high-resolution piano, V-Drums, etc.
- Classy appearance with aluminum housing plate. Soft earpad provides comfortable listening for prolonged periods
- OFC 3.4m straight cable with converter plug for 1/4" or mini jacks

Roland®

RH-300 ● Cord length 3.4 m / 3/16 inches ● Weight 250 g / 9 oz (excl. cord and plug)
● www.Roland.com/products/en/RH-300

Applications

■ Tabletop

■ Hand-held

■ Hand-free

Audio Mixers | MIDI Keyboard Controllers | Field Recorders | Audio Interfaces | MIDI Interfaces/Sound Synthesis | Visual Performance Software Console | Desktop Speakers/Others

FA-66
24-bit/192 kHz FireWire Audio Capture

for Microsoft® Windows® XP | for Mac OS X | FireWire | Core Audio Mac OS X | WDM Windows® XP | ASIO™ 2.0

24-bit/192 kHz High Fidelity Audio in a Compact Body

- 6-in/6-out 24-bit/96 kHz simultaneous performance
- 4-in/4-out 24-bit/192 kHz simultaneous performance
- 2 XLR/TRS combo jacks w/premium phantom-powered mic preamps
- +4 dBu balanced input and output
- Optical S/PDIF input & output ports with Sync LED indicator
- MIDI in/out ports
- Built-in analog limiter and indicator
- FireWire bus powered
- AC adaptor included
- Mac OS X CoreAudio and Windows XP WDM and ASIO 2.0 support
- Zero-latency Direct Monitoring
- 6-pin and 4-pin IEEE1394 ports
- Compact, solid-metal construction

■ Built-in Analog Limiter and Indicator

Prevent clipping in your recordings. Get high quality live recordings with a wide dynamic range. See the side diagram for Limiter characteristics.

— Normal
— Limiter

AD Level (dBFS)

INPUT Level (dBu)

■ Rear Panel

FA-66 ● Dimensions 164 (W) x 148 (D) x 44 (H) mm / 6-1/2 (W) x 5-7/8 (D) x 1-3/4 (H) inches ● Weight 650 g / 1 lbs 7 oz ● www.EDIROL.net/products/en/FA-66

UA-101
Hi-SPEED USB Audio Capture

for Microsoft® Windows® XP | for Mac OS X | USB 2.0 | FPT | WDM Windows® XP | ASIO™ 2.0

cakewalk SONAR LE DIGITAL AUDIO WORKSTATION

10-In/10-Out, Up to 24-bit/192 kHz Hi-SPEED USB (USB 2.0) Audio Capture

- Dedicated monitor output
- Balanced I/O
- Included Signal Router/Mixer application
- Built-in analog limiter
- 40-bit internal processing
- MIDI I/O
- Optical S/PDIF (ch. 9-10)
- Low-latency drivers: WDM, ASIO 2.0
- Hi-SPEED USB (USB 2.0) and Full-SPEED (USB 1.1) compatible
- AC adaptor included
- 10-in/10-out 24-bit/96 kHz simultaneous performance
- 6-in/6-out 24-bit/192 kHz simultaneous performance
- 2x phantom-powered mic preamps
- 8x8 balanced analog I/O

■ Comparison chart of data transfer seed

| USB 1.1 | 12Mbps |
| USB 2.0 | 480Mbps |

Blazing speed and smooth operation even at high audio resolution and when doing simultaneous recording and playback of multiple channels.

■ Control Panel

All mixing operations are processed by the unit's DSP, so computer CPU capacity can be used more efficiently. Enjoy stress-free, high-speed recording and mixing with high sound quality.

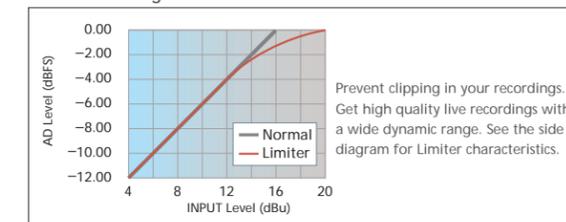■ Rear Panel

FA-101
24-bit/192 kHz FireWire Audio Capture

for Microsoft® Windows® XP | for Mac OS | FireWire | Core Audio Mac OS X | WDM Windows® XP | ASIO™ 2.0

Portable 10-in/10-out Compact, Mobile FireWire Audio at Home or on the Road

- 10-in/10-out 24-bit/96 kHz simultaneous performance
- 6-in/6-out 24-bit/192 kHz simultaneous performance
- FireWire bus-powered
- Zero-latency Direct Monitoring
- Low-latency driver support
- Native support in Mac OS X (10.3.4 or later)
- 2x phantom-powered mic preamps
- 8x8 balanced analog I/O
- Optical S/PDIF (ch. 9-10)
- MIDI I/O

■ Rear Panel

UA-101 ● Dimensions 218 (W) x 159 (D) x 45 (H) mm / 8-5/8 (W) x 6-5/16 (D) x 1-13/16 (H) inches ● Weight 1.2 kg / 2 lbs 9 oz ● www.EDIROL.net/products/en/UA-101

FA-101 ● Dimensions 218 (W) x 137 (D) x 46.5 (H) mm / 8-5/8 (W) x 5-7/16 (D) x 1-7/8 (H) inches ● Weight 950 g / 2 lbs 2 oz ● www.EDIROL.net/products/en/FA-101

UA-25

24-bit/96 kHz USB Audio and MIDI Interface

for Microsoft® Windows® XP/2000/Me/98SE | for Mac OS | USB | FPT | WDM Windows® XP/2000 | ASIO™ 2.0 | Core Audio Mac OS X

Compact, High Perfomance Audio Interface at Its Best

- Solid aluminum chassis - portable and durable
- Premium audio quality
- Wide variety of I/O
- Built-in analog limiter
- Zero-latency direct monitoring
- USB-powered phantom powered preamps
- +4 dBu balanced output for pro applications
- Supports ASIO 2.0, WDM, MME, and Mac OS X CoreAudio

■ Brand new low-noise and wide range power Supply

Power supply is re-generated in the UA-25 to enable a wider range.

Voltage

High quality and stable

USB Power supply from PC

When driven by the USB bus power supply, the unit's power is re-generated, which provides the analog circuit ideal voltage for even greater sound quality and efficiency in mobile environments. Phantom power and +4 dBu balanced I/O are also supported.

■ Rear Panel

UA-25 ● Dimensions 164 (W) x 133 (D) x 46 (H) mm / 6-1/2 (W) x 5-1/4 (D) x 1-13/16 (H) inches ● Weight 554 g / 1 lb 4 oz ● www.EDIROL.net/products/en/UA-25

UA-4FX

USB Audio/MIDI Interface

for Microsoft® Windows® XP/2000/Me/98SE | for Mac OS | COSM | USB | FPT | WDM Windows® XP/2000 | ASIO™ 2.0 | Core Audio Mac OS X

■ Rear Panel

MIDI (IN/OUT)   Line Input & Output

USB   S/P DIF Optical Input & Output

■ Side Panel

Mic Input (XLR type)

The Affordable All-In-One Mobile Recording Suite

- USB audio interface with up to 24-bit/96 kHz resolution
- 14 types of powerful, easy-to-use onboard effects, including COSM® tube mic-preamp simulator
- XLR input with phantom power, Hi-Z guitar/dynamic mic input
- USB bus powered, no AC adaptor required
- MIDI I/O with FPT (Fast Processing Technology) for fast, stable performance
- Supports WDM, ASIO 2.0, and Mac OS X Core Audio
- Cakewalk SONAR LE and EDIROL Virtual Sound Canvas plug-in included (PC)
- Dolby Digital or DTS 5.1 surround compatibility via S/PDIF output (Windows XP)

■ Setting Example

Powered Speaker

MD Deck

AV Amplifier

Cassette Tape/ Record Player

Keyboard etc.

Microphone

Guitar/Microphone

Sound Module

Headphone

Computer

Plug-in Powered Electret Condenser Microphone

UA-1EX

USB Audio Interface

for Microsoft® Windows® XP/2000/Me/98SE | for Mac OS | USB | WDM Windows® XP/2000 | ASIO™ 2.0 | Core Audio Mac OS X

24-bit/96 kHz High Fidelity Audio in a Compact Body

- Up to 24-bit/96 kHz audio quality
- ASIO 2.0 (Win/Mac), WDM, Core Audio (Mac OS X) compatibility
- USB powered (no AC adaptor required)
- S/PDIF optical in & out
- Supports both OS-standard drivers as well as EDIROL's drivers

UA-4FX ● Dimensions 171 (W) x 126.8 (D) x 43.6 (H) mm / 6-3/4 (W) x 5 (D) x 1-3/4 (H) inches ● Weight 335 g / 12 oz ● www.EDIROL.net/products/en/UA-4FX

UA-1EX ● Dimensions 127 (W) x 61 (D) x 22 (H) mm / 5 (W) x 2-7/16 (D) x 7/8 (H) inches ● Weight 140 g / 5 oz ● www.EDIROL.net/products/en/UA-1EX

PCR-M1
MIDI Keyboard Controller

for Microsoft® Windows® XP/2000/Me/98 for Mac OS USB FPT V-LINK

cakewalk SONAR LE DIGITAL AUDIO WORKSTATION

25 Ultra-thin Keys, MIDI Keyboard Controller

[25 keys]

- 25 standard-width velocity-sensitive keys
- S.L.I.M. keyboard (Short-stroke, Low-profile Impact Mechanism)
- Thin (28 mm/1-1/8"), light (1.5 kg/3 lbs. 5 oz.) body
- 27 assignable controllers: 8 knobs, 6 buttons, and 2 pedal ports
- Separate pitch bender & modulation control
- 16 control-map memory locations

- MIDI in/out ports
- Expression and Sustain pedal ports — (with included 1/4" adapters x 2)
- 3-way power supply: USB/battery/AC adaptor
- Downloadable memory sets
- PCR Editor software
- Gig bag
- V-LINK compatible

■ Rear Panel

MIDI (IN/OUT) USB

PEDAL PORTS (HOLD, EXPRESSION)

S.L.I.M. Short-stroke Low-profile Impact Mechanism

PCR-M1 28 mm / 1-1/8 inches

We've taken all measures to make it thin, yet easy to play. Employing the newly developed S.L.I.M. standard size keyboard, we've succeeded in cutting thickness to less than half that of The Edirol PC-70 controller, while still maintaining the superior playability of the PCR Series.

PCR-M1 ●Dimensions 450 (W) x 220 (D) x 28 (H) mm / 17-3/4 (W) x 8-11/16 (D) x 1-1/8 (H) inches ●Weight 1.4 kg / 3 lbs 2 oz (excluding AC adaptor) ●www.EDIROL.net/products/en/PCR-M1

PCR-M80/M50/M30
MIDI Keyboard Controller

for Microsoft® Windows® XP/2000/Me/98 for Mac OS USB FPT V-LINK

cakewalk SONAR LE DIGITAL AUDIO WORKSTATION

PCR-M80
[61 keys]

PCR-M50
[49 keys]

PCR-M30
[32 keys]

Industry Standard Real-time MIDI Controller for Any Musicians!

- High-quality keyboard assembly — ultra-low mechanical noise
- 12 velocity curves
- Switchable MIDI Interface
- Cool, titanium dark gray body color
- 61/49/32 velocity-sensitive keys
- 27 assignable controls: 8 knobs, 8 sliders, 9 switches, and 2 pedal ports
- Rubber-coated pitch-bend/modulation lever

- One GM2 and 15 user-memory locations
- FPT low-latency MIDI transmission
- PCR Editor software
- USB powered or AC adaptor (Included)
- MIDI in/out ports
- Sustain and Expression pedal ports
- V-LINK compatible

■ PCR Editor

MIDI KEYBOARD CONTROLLER
PCR Series

■ Rear Panel

MIDI(IN/OUT)

USB

PEDAL(HOLD, EXPRESSION)

PCR-M80 ●Dimensions 1,000 (W) x 232 (D) x 86 (H) mm / 39-3/8 (W) x 9-3/16 (D) x 3-7/16 (H) inches ●Weight 3.7 kg / 8 lbs 3 oz (excluding AC adaptor) ●www.EDIROL.net/products/en/PCR-M80
PCR-M50 ●Dimensions 833 (W) x 232 (D) x 86.5 (H) mm / 32-13/16 (W) x 9-3/16 (D) x 3-7/16 (H) inches ●Weight 3.3 kg / 7 lbs 5 oz (excluding AC adaptor) ●www.EDIROL.net/products/en/PCR-M50
PCR-M30 ●Dimensions 600 (W) x 232 (D) x 86.5 (H) mm / 23-5/8 (W) x 9-3/16 (D) x 3-7/16 (H) inches ●Weight 2.4 kg / 5 lbs 5 oz (excluding AC adaptor) ●www.EDIROL.net/products/en/PCR-M30

FPT **FPT (Fast Processing Technology of MIDI Transmission)**
FPT is a newly developed technology making MIDI transmission extraordinarily fast. In response to a regular flow of MIDI data, FPT optimizes the USB data transmission band building up to rapid MIDI transmission. With this technology, MIDI transmission becomes steadily faster and more efficient resulting in very low latency. FPT is compatible with the MIDI software sequencer of your choosing.

PC-50
MIDI Keyboard Controller

for Microsoft® Windows® XP/2000/Me/98 for Mac OS USB FPT
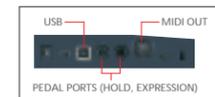
cakewalk SONAR LE DIGITAL AUDIO WORKSTATION

Simple-is-the-Best Keyboards — Quick Access to the Best Quality in Its Class

[49 keys]

- 49 full-size, velocity-sensitive keys
- High-quality keyboard mechanism
- 12 selectable velocity curves
- 3-digit 7-segment LED and rotary encoder
- Pitch bender/modulation lever
- Convenient access to connections on side panel
- Sustain & Expression pedal ports
- MIDI out port
- 3 forms of power supply: USB-bus, battery, AC adaptor

■ Side Panel

USB MIDI OUT

PEDAL PORTS (HOLD, EXPRESSION)

PC-50 ●Dimensions 883 (W) x 184 (D) x 84 (H) mm / 34-13/16 (W) x 7-1/4 (D) x 3-5/16 (H) inches ●Weight 2.7 kg / 6 lbs ●www.EDIROL.net/products/en/PC-50

PC-80
MIDI Keyboard Controller

for Microsoft® Windows® XP/2000 for Mac OS X FPT WDM Windows® XP/2000 ASIO™ 1.0 Core Audio Mac OS X

cakewalk SONAR LE DIGITAL AUDIO WORKSTATION

[61 keys]

■ Rear Panel

USB Sub-woofer Output
MIDI OUT DC IN Headphone

PEDAL PORTS (HOLD, EXPRESSION) Audio Output (L/R) Audio Input
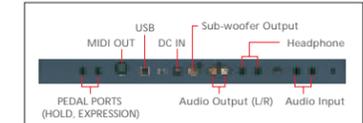
■ Software Synthesizer Bundled

Only-what-you-need Keyboards — Quality is Best in Class

- Plug-and-Play, Instant Synthesizer Just by Connecting a USB Cable to a Computer
- Mac OS X and Windows XP/2000 Support
- 24-bit/96 kHz Audio Capability
- CoreAudio, WDM, ASIO2.0, and OS-standard Driver Support
- 2 W + 2 W Built-in Stereo Amplifier and Speaker

- 61-note, Standard-sized Keys with Velocity-sensitivity
- High Quality Keyboard Mechanism
- Split or Layer Mode
- 12 Selectable Velocity Curves and Fixed Velocity Mode
- USB Bus Powered/AC adaptor Included

PC-80 ●Dimensions 1,000 (W) x 232 (D) x 86 (H) mm / 39-3/8 (W) x 9-3/16 (D) x 3-7/16 (H) inches ●Weight 4.1 kg / 9 lbs 1 oz ●www.EDIROL.net/products/en/PC-80

UM-3EX
USB MIDI Interface

for Microsoft® Windows® XP/2000/Me/98SE · for Mac OS · USB · FPT

SONAR LE
DIGITAL AUDIO WORKSTATION

Most Affordable Multi-port MIDI Interface in Its Class

■ 3 MIDI in, 3 MIDI out
■ Out or Thru selectable switches built-in
■ USB hub built in, and up to 3-unit cascade connection

UM-3EX ●Dimensions 138 (W) x 67 (D) x 42 (H) mm / 5-7/16 (W) x 2-11/16 (D) x 1-11/16 (H) inches
●Weight 200 g / 8 oz ●www.EDIROL.net/products/en/UM-3EX

UM-2EX
USB MIDI Interface

for Microsoft® Windows® XP/2000/Me/98SE · for Mac OS · USB · FPT

The Simplest MIDI Interface for Advaced Users

■ Fast and stable MIDI data transmission realized by FPT
■ 1 MIDI in, 2 MIDI out
■ Supports both advanced and standard OS drivers

UM-2EX ●Dimensions 81 (W) x 47 (D) x 28 (H) mm / 3-3/16 (W) x 1-7/8 (D) x 1-1/8 (H) inches
●Weight 100 g / 4 oz ●www.EDIROL.net/products/en/UM-2EX

UM-1EX
USB MIDI Interface

for Microsoft® Windows® XP/2000/Me/98SE · for Mac OS · USB · FPT

Compact Cable Style MIDI Interface

■ Fast and stable MIDI data transmission realized by FPT
■ 1 MIDI in, 1 MIDI out
■ Thru switch
■ MIDI signal indicators

UM-1EX ●Dimensions 75 (W) x 41 (D) x 20 (H) mm /
3 (W) x 1-5/8 (D) x 13/16 (H) inches ●Weight 120 g / 5 oz
●www.EDIROL.net/products/en/UM-1EX

SD-20
STUDIO Canvas

for Microsoft® Windows® XP/2000/Me/98 · for Mac OS · midi2 · GS · XG · USB · FPT

A Stylish, High-quality Sound Module

■ A compact body filled to the brim with the high quality sounds
■ Supports USB bus power for mobile use
■ 1/8" phone S/PDIF digital output (optical) as well as RCA audio output jacks are provided
■ Bundled with dedicated software for easy editing of original sounds
■ 660 internal sounds and 23 internal drum sets. Up to 64 voice polyphony and up to 32 simultaneous parts

SD-20 ●Dimensions 203 (W) x 159 (D) x 35 (H) mm / 8 (W) x 6-5/16 (D) x 1-7/16 (H) inches
●Weight 400 g / 15 oz ●www.EDIROL.net/products/en/SD-20

VIRTUAL SOUND Canvas Multi Pack
GM2/GS Software Synthesizer   VSC-MP1

for Microsoft® Windows® XP/2000/Me/98 · for Mac OS 8.5/8.6/9 · midi2 · GS · DXi
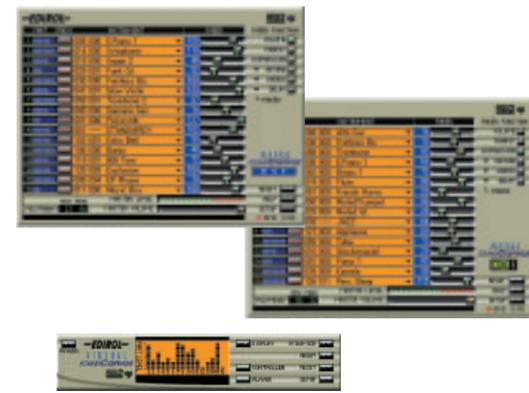
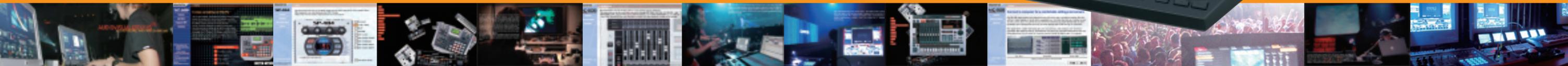### The Expressive Power of SOUND Canvas Provided as Software

■ Contains a rich variety of 902 sounds and 26 drum sets, all of high quality
■ Contains full range of effects
■ Package contains three types: standalone version, DXi version, and VST instrument version. Up to 128 voice polyphony and up to 16 simultaneous parts possible

VSC-MP1 ●www.EDIROL.net/products/en/VSC-MP1

motion dive .tokyo performance package

Performance Pack for the Visual Art Scene

for Microsoft® Windows® XP/2000 · for Mac OS X · *USB* *V-LINK*

www.digitalstage.net

EDIROL by Roland

Computer not included and shown only for photography purposes.

Exploring the Possibilities of Visual Performance
www.roland.com/audiovisual

Audio Mixers

MIDI Keyboard Controllers

Field Recorders

Audio Interfaces

MIDI Interfaces/ Sound Synthesis

Visual Performance Software Console

Desktop Speakers/ Others

■ motion dive .tokyo

A pioneer of visual art software in Japan, Digitalstage first released its motion dive software in 1998. motion dive takes an unique approach by taking two visual sources, and then mixing and switching them in a DJ style performance. After hitting the VJ scene in Japan, with its direct and simple interface, it eventually spread to other cities of the world. motion dive works on both Windows and Macintosh platforms.

■ DJ Style Visual Performance

Just like taking two music tracks and fading them back and forth, scratching or adding effects, the idea is the same on the motion dive. Use the smooth A/B Fader to alternate between channel A and B, scratch the clips rhythmically with the Scratch Buttons, and use the Control Knobs to control color EQ effects and the BPM. Selecting video clips are quick by dragging and dropping them to the A and B output channels, or by using the large dial and channel buttons on the controller.

■ Wide File Support

motion dive can import QuickTime movies and most picture formats from digital cameras. It also supports AVI and MPEG files, as well as Macromedia Flash contents. It can even playback AIFF/WAV/MP3 audio files on the computer's hard disk. To get you started right away, motion dive comes with a video library created by several top professional VJ artists.

Movie	QuickTime, AVI, MPEG	Flash	Flash
Picture	JPEG, BMP, GIF, PICT, PNG, PSD, TARGA, TIFF	Sound	AIFF, WAV, MP3

■ Audio and Visual Collaboration

With motion dive, you can play and remix the visuals along to the music, and then record and playback your visual performance as one piece of artwork. For this bundled package, motion dive can receive MIDI messages, therefore you can connect an electronic instrument to the controller unit, and perform the music and visuals at the same time. For instance, you can program your music and your clip sequences on a separate sequencer, and control visual effects from your instrument.

■ V-LINK for Complete Integration

motion dive is compatible with EDIROL/Roland V-LINK instrument such as EDIROL PCR series (PCR-30/50/80/300/500/800/M1/M30/M50/M80/A30) MIDI keyboards, and Roland's Fantom-X series keyboards, MC-909/808 sampling grooveboxes, SP-606 sampling workstation for triggering video clips and controlling effects. By activating the V-LINK function on the instrument, pre-programmed settings are called up for instant integration with motion dive. Custom parameter settings can also be done in the V-LINK mode on the instrument. This is the future of the new visual performance art scene!

motion dive .tokyo console MD-P1 ● Dimensions 384 (W) x 125 (D) x 52 (H) mm / 15-1/8 (W) x 4-15/16 (D) x 2-1/16 (H) inches ● Weight 0.9 kg / 2 lbs

V-LINK   **What is V-LINK?**

Using V-LINK, musicians can "play" video from their electronic instrument — or even control a live video camera — when used with EDIROL video products. With V-LINK, musicians have a powerful new interface for realtime audio and video integration.

■ motion dive .tokyo console edition

Videos, stills, and movies can be freely displayed and mixed using the A/B switch or fader, and a vast number of video and still clips by leading content creators are stored in the library. Control and visual plug-ins can also be freely manipulated in real time. This pioneering software will lead the audio visual creation scene.

■ VJ Clips Library Vol.1/2

VISUAL PLUG IN

TEXT

Transform text into images.

Input some text, select a movement pattern, and simply turn the MD-P1 visual plug-in control knob. Operation is that easy. Also, edit the texts in real time while activated.

Action

Superimpose different images onto channels A and B.

This plug-in effect allows you to superimpose other images onto channels A and B. This is effective, for example, in breaks during songs.
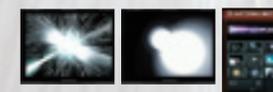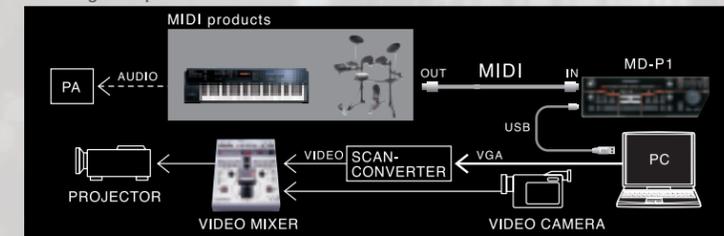
MIDI note

Generate images from MIDI signals.

Images are automatically generated from note and velocity information input from an external MIDI device. Create performances that synchronize music with images for a powerful effect.

■ Setting Example

MIDI products

PA — AUDIO — OUT — MIDI — IN — MD-P1

USB

PROJECTOR — VIDEO — SCAN-CONVERTER — VGA — PC

VIDEO MIXER — VIDEO CAMERA

MA-7ABK/MA-7A
Stereo Micro Monitor

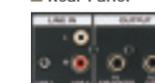*Bass Enhancer*

NEW

MA-7ABK **7W+7W**

MA-7A **7W+7W**

Affordable Desktop Monitors in Wooden Cabinets

- Bass Enhancer
- Front-accessible Volume & Tone controls
- Subwoofer output port for bass boost
- 7W-per-channel desktop monitor (pair)
- 90 mm (3-9/16") full-range speaker, bass-reflex enclosure
- Independent source inputs; 1/8" line and RCA pin line (L/R)
- 1/8" headphone port
- Magnetically shielded

■ Front Panel

■ Rear Panel

MA-7ABK/MA-7A ●Dimensions <L> 145 (W) x 194.2 (D) x 215 (H) mm / 5-3/4 (W) x 7-7/16 (D) x 8-1/2 (H) inches <R> 145 (W)x 187.6 (D) x 215 (H) mm / 5-3/4 (W) x 7-11/16 (D) x 8-1/2 (H) inches ●Weight <R> 3.3 kg / 7 lbs 5 oz <L>1.8 kg / 4 lbs ●www.EDIROL.net/products/en/MA-7A

MA-15DBK/MA-15D
Digital Stereo Micro Monitor

Bass Enhancer

NEW

MA-15DBK **15W+15W**

MA-15D **15W+15W**

High Performance Desktop Monitors in Wooden Cabinets

- Bass Enhancer
- 24-bit/192 kHz support, S/PDIF optical & coaxial input
- Subwoofer output port for bass boost
- 15 watts per channel
- Independent source inputs: 1/8" line, RCA pin line (L/R), and S/PDIF (optical & coaxial)
- Front-controlled bass, treble, and 2 independent volume
- 100 mm (3-15/16") woofer + 50 mm (2") tweeter, 2 way bass-reflex enclosure
- Headphones port
- Magnetically shielded

■ Front Panel

■ Rear Panel

MA-15DBK/MA-15D ●Dimensions <L> 159 (W) x 215 (D) x 250 (H) mm / 6-5/16 (W) x 8-1/2 (D) x 9-7/8 (H) inches <R> 159 (W) x 222 (D) x 250 (H) mm / 6-5/16 (W) x 8-3/4 (D) x 9-7/8 (H) inches ●Weight <R> 5 kg / 11 lbs 1 oz <L> 2.5 kg / 5 lbs 9 oz ●www.EDIROL.net/products/en/MA-15D

MA-1EX
USB Stereo Speaker

for Microsoft® Windows® XP/2000/Me/98SE   for Mac OS   USB   Core Audio Mac OS X   *Bass Enhancer*

USB-powered Stereo Speaker for the Mobile Musician

- 0.75 W + 0.75 W rated power, 60 mm (2-3/8") full range unit x 2
- USB bus powered, AC adaptor not required
- Volume control
- S/PDIF output (up to 16-bit/48 kHz)
- Integrated USB cord storage
- Great for traveling musicians, mobile use, and laptop computer owners

0.75W+0.75W

MA-1EX ●Dimensions <L> 88 (W) x 57.5 (D) x 130 (H) mm / 3-1/2 (W) x 2-5/16 (D) x 5-1/8 (H) inches <R> 88 (W) x 53.5 (D) x 130 (H) mm / 3-1/2 (W) x 2-1/8 (D) x 5-1/8 (H) inches ●Weight <Total Weight> 0.5 kg / 1 lbs 2 oz ●www.EDIROL.net/products/en/MA-1EX

Bass Enhancer The Bass Enhancer found in the EDIROL MA-15DBK/MA-15D, MA-7ABK/MA-7A and MA-1EX Stereo Monitors lets the user hear bass frequencies not normally audible through speakers this size. The Bass Enhancer is a DSP chip programmed using psychoacoustic principles that converts low frequencies into a series of overtones which the human ear cannot distinguish from the original low frequencies. This allows the listener to perceive bass frequencies outside of the normal range of the speaker cone, without over-driving the woofer. With the Bass Enhancer, the MA-15DBK/MA-15D, MA-7ABK/MA-7A and MA-1EX Stereo Monitors offer a strong low-end in a very compact set of reference monitors.
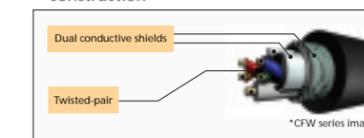
USB/FireWire Cables

USB Cable

FireWire Cable

■ Twisted-pair and Dual conductive shields construction

Dual conductive shields

Twisted-pair

*CFW series image

CUSB-M1 (1.5 m)
CUSB-M2 (2.5 m)

CFW66-M1 (6-pin to 6-pin, 1.5 m)
CFW66-M2 (6-pin to 6-pin, 2.5 m)

CFW64-M1 (6-pin to 4-pin, 1.5 m)
CFW64-M2 (6-pin to 4-pin, 2.5 m)

High Quality USB Cable For High Quality Digital Audio And Video Data Transfer

- 480 Mbps High speed digital interface for Hi-Speed USB (USB 2.0) components
- High grade 99.99% OFC (Oxygen Free Copper) conductor for high-resolution digital data transmission
- Twisted-pair construction for improved music reproduction and maximum noise reduction
- Dual conductive shields protect signal quality with superior coverage
- 24k gold-plated contacts for error-free data transfer and ultra-low impedance
- Environmentally safe design eliminating hazardous materials such as cadmium or lead

High Quality FireWire Cable For High Quality Digital Audio And Video Data Transfer

- 400 Mbps High speed digital interface for IEEE1394 components
- High grade 99.99% OFC (Oxygen Free Copper) conductor for high-resolution digital data transmission
- Twisted-pair construction for improved music reproduction and maximum noise reduction
- Dual conductive shields protect signal quality with superior coverage
- 24k gold-plated contacts for error-free data transfer and ultra-low impedance
- Environmentally safe design eliminating hazardous materials such as cadmium or lead

Audio Mixers
MIDI Keyboard Controllers
Field Recorders
Audio Interfaces
MIDI Interfaces/ Sound Synthesis
Visual Performance Software Console
Desktop Speakers/ Others