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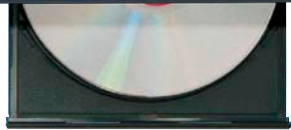
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**Recorder section**

- 24-track HDD-based multitrack recorder
  - 44.1kHz, 24/16bit
  - Simultaneous playback of 24 tracks
  - Simultaneous recording of 8 tracks
- 250 assignable virtual (alternative) tracks
- 2 additional tracks for mastering
- Powerful editing functions
  - Copy -> Paste/Insert, Move -> Paste/Insert, Open, Cut, Silence, Clone Track, Clean Out, Loop Paste
- 999 levels of Undo/Redo



- 999 markers plus In/Out/To locate points per song
- Return To Zero function
- Manual or auto punch in/out
- Rehearsal function
- Repeat playback or recording function
- ±6% variable pitch (playback/recording)
- Waveform view
- Slow Speed Audition

**Mixer section**

- 24+8-channel digital mixer
- 64-voice General MIDI sound module
  - Use editable preset patterns to play drums and synths to your recordings or import and play SMF files
- 3-band sweepable/parametric EQ on 24 channels, 8 inputs and MIDI module
- 8 analogue inputs
  - 4 XLR/TRS balanced inputs with phantom power
  - 4 TRS balanced inputs (one shared with additional connector on unit's

- front for direct connection of a guitar or electric bass)
- Three aux sends on all input, track and tone generator channels
- Internal effects and dynamics processors
  - Reverb, delay, chorus and others to be used as loop effect
  - Up to 8 assignable dynamics processors for compression/noise suppression during recording or mixdown
  - Guitar multi-effects processor for distortion, delay, flange, amp simulation and more
  - Dedicated stereo compressor on the stereo output
- Built-in chromatic tuner
- Flexible on-board digital patch bay
- Quick setup utility
- Channel link
- Solo/Mute
- Snapshot memory
- Digital input (SPDIF)
- Analogue (RCA) and digital (SPDIF) master outputs
- TRS quasi-balanced monitor output
- Headphones output



**Other**

- On-board CD-RW drive
  - Burn your mixdown on CD
  - Import/export WAV files
  - Backup your hard drive
  - Play Audio CDs
- High-speed USB 2.0 port connects to PC/Mac for data backup and SMF/WAV file transfer

## DP-01 / DP-01FX 8-TRACK DIGITAL PORTASTUDIO™



- 8-track recording at uncompressed CD quality
  - Create hits at professional audio quality
- 2-track simultaneous recording
  - Record in stereo or record two independent mono sources
- Dedicated stereo mixdown track
  - Mix your song to a stereo file you can transfer to a computer for CD burning or MP3 encoding

- Dedicated controls on each channel for volume, pan, EFX send, EQ high & EQ low
  - Use real knobs and buttons to change your sound like on an analogue recorder/mixer
- Two-band EQ with selectable frequencies per track
  - Decide for yourself which frequencies the low and high EQ knobs cut or boost depending on your sound sources

- Two TRS mic/line inputs, one switchable to Guitar
  - Plug in and record microphones, synths, guitars, drum machines etc. directly
- Two phantom powered XLR microphone inputs (DP-01FX only)
  - Plug in condenser microphones for a higher recording quality

- Built-in reverb processor (DP-01FX only)
  - Polish your mixes
- Built-in insert effects processor (DP-01FX only)
  - Process your track with chorus, flange, amp modeling or other effects as you record
- Effects send and stereo return
  - Patch in an external reverb or effects processor
- RCA line output
  - Connect to monitor amplifier/speakers or record your mix to an external recorder
- SPDIF digital optical output
  - Record your mix to a CD or MiniDisc® recorder at high quality
- Headphone output with level control
  - Monitor with headphones, or use a Y-cable to connect speakers and control their volume
- MIDI output for Timecode or Clock
  - Synchronize a drum machine or MIDI sequencer to your song
- USB 2.0 port for computer backup
  - Export your mix recording or individual tracks or back up your song to a computer; import individual tracks or restore backed-up songs from a computer
- Workstation-style editing: copy, paste, move, erase, silence
  - Edit your tracks like a pro: tighten your timing, create loops, cut unwanted noise etc.
- Built-in 40GB hard drive
  - Plenty of room for dozens of songs

## MF-P01 4-TRACK PORTASTUDIO™



- Simple 4-track recording
- Industry standard tape speed (4.76cm/s)
- One Mic/Line input
- 4 dots LED meter for recording level monitoring
- Easy-to-use 4 channel mixer section for mixing down
- Master L/R line output
- Headphone monitor output
- Dimensions (W x H x D): 295 x 70 x 205mm
- Weight: 1.1kg

## PORTA 02 MKII 4-TRACK PORTASTUDIO™



- 4-track 4-channel cassette recorder section
- Industry-standard tape speed (4.76cm/s)
- Integrated MIC/LINE inputs for keyboards, microphones, guitars, drum machines and most other music sources
- Simple 4-track recording with assignable input-to-track routing
- Up to 2 tracks simultaneous recording
- Easy to use 4-channel cue mixer for mixing down
- 4-stage LED meters for each track
- Headphone jack with level control
- Dimensions (W x H x D): 300 x 80 x 205mm
- Weight: 1.5kg

## 414 MKII 4-TRACK PORTASTUDIO™



- MIC/LINE input with trim control on channels 1–4
- 2-band high/low equalizer on 4 main input channels
- 2 dedicated stereo inputs
- 2 XLR balanced XLR MIC inputs assignable to channel 1–4
- 1 dedicated guitar input assignable to channel 1–4
- RCA unbalanced
- Stereo SUB inputs
- Tape speed 9.5cm/s
- Separate main and monitor outputs allow monitoring and mastering without repatching
- Headphones output
- 2 effects sends, one switchable to tape cue
- 4 tracks simultaneous recording
- dbx noise reduction
- ±12% pitch control
- Optional RC-30P for hands-free punch in and out
- Return-to-zero (RTZ)
- Dedicated SYNC output for MIDI synchronization
- Dimensions (W x H x D): 387 x 100 x 247mm
- Weight: 2.1kg

## CD-BT1 · CD-GT1 · CD-VT1 PORTABLE CD PHRASE TRAINERS



- CD player and bass (BT), guitar (GT) or mic (VT) pre amp with effects
- Playback modes: Single, Continuous, Single Loop, All Loop and Seamless Loop
- Reduce tempo by -8, -16, -32, -50% without affecting key (SSA function)
- Change key by  $\pm 6$  (VT:  $\pm 5$ ) semitones and  $\pm 50$  cents without affecting tempo; not in conjunction with SSA function
- Pitch control (0 to -50%) changes tempo and key together (BT/GT only)
- Cue point memory (for instant location of last play start point)
- Flash start: Seamless location and playback from the cue point
- Phones and Line output with level control
- 10 seconds anti-shock memory
- Hold switch to lock controls & keys
- Two options of power supply: alkaline/NiMH batteries or optional AC adapter
- Optional accessories: PS-PS5 AC adapter, RC-30P Footswitch controller

- Dimensions (W x H x D): 232 x 40 x 138mm
- Weight without batteries: 0.62kg (BT, VT); 0.553kg (GT)

### Individual features

- Inputs with level control  
BT: 6.3-mm jack, switchable passive/active  
GT: One 6.3-mm jack, switchable GIT/MIC  
VT: Two 6.3-mm jacks with common level control
- Built-in effects/sound controls  
BT: 16 effect presets, 5 user memories, Bass enhancement effect with 3 settings, 5-band EQ with 2 user memories  
GT: 15 distortion, 15 clean, 13 vocal sounds, 10 user memories  
VT: 18 presets, 1 editable parameter each, Voice Shifter, Vocal Cancellor
- BT/GT: Built-in chromatic tuner
- BT/GT: Foot switch input for instant start or switching between effects

## US-122 USB AUDIO/MIDI INTERFACE



- Windows PC and Macintosh compatible USB Audio/MIDI Interface
- 24 bit AD/DA resolution
- 2 channel audio inputs and outputs
- 1 MIDI IN and 1 MIDI OUT
- 2 XLR balanced MIC inputs with volume control
- 2 TRS balanced LINE/GUITAR inputs with volume controls
- 2 RCA unbalanced LINE outputs with volume control
- 2 TRS balanced INSERTS
- Power supply via USB
- Phantom power (48V) for microphones
- Input source selector between Mic/Line and Guitar
- Direct Monitoring function with a dedicated level control, On/Off switch, and Mono switch
- Headphone output with volume control
- ASIO and MME compatibility for Windows 98SE / ME / 2000 / XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 8.6 / 9 and OS X 10.2 or higher
- Bundled with Steinberg® Cubase® LE
- GSIF-2 drivers available for GigaStudio 3
- USB cable included
- Power requirements: USB Vbus (5V)
- Power consumption: 2.5W
- Dimension (W x H x D): 145 x 62 x 98mm
- Weight: 0.925kg

## US-224 DIGITAL AUDIO WORKSTATION CONTROLLER



- Self-powered USB controller compatible with Windows® and Macintosh®
- Multiple program compatibility
- High-quality 24-bit audio interface with two inputs (XLR, 6.3-mm jack) and stereo output (RCA)
- SPDIF digital input and output
- 16-channel MIDI interface
- Convenient control of DAW parameters: four faders, transport/locate controls, data wheel and more
- Headphone output with independent level control
- ASIO and MME compatibility for Windows 98SE / ME / 2000 / XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 8.6 / 9 and OS X 10.2 or higher
- Bundled with Steinberg® Cubase® LE
- GSIF-2 drivers available for GigaStudio 3
- Small, portable and easy to use
- Dimensions (W x H x D): 304 x 62 x 211mm
- Weight: 0.85kg

## US-428 DIGITAL AUDIO WORKSTATION CONTROLLER



- USB interface (means no card to install)
- 8 channel strip plus master fader control surface
- Inputs: 4x analogue (XLR, balanced line, and Hi-Z), 1x SPDIF
- Outputs: 2x RCA, 1x SPDIF
- 2x MIDI IN, 2x MIDI OUT
- 4 band EQ control
- Transport controls
- Data wheel
- 24-bit resolution
- 44.1 or 48 kHz sampling rate
- Four analogue inputs (or two analogue & two digital) can be recorded at once
- Solo & mute on each channel
- Mute/Solo switches
- Headphone output
- ASIO and MME compatibility for Windows 98SE / ME / 2000 / XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 8.6 / 9 and OS X 10.2 or higher
- Bundled with Steinberg® Cubase® LE
- GSIF-2 drivers available for GigaStudio 3
- Dimensions (W x H x D): 362 x 89 x 293mm
- Weight: 1.6kg



CO-DEVELOPED WITH  
**SANE  
WAVE**

- Fully-mapped control for any DAW that supports HUI™ or Mackie® Control protocols
- Compatible DAW applications (with firmware v1.20): Cubase 2.2 and higher, Digital Performer, Logic, Nuendo 2.2 and higher, Pro Tools, Sonar
- Driverless installation via USB 1.1 or 2.0 interface
- Mac® OS X and Windows® XP compatible
- Twenty-five touch sensitive 100-mm moving faders, each with 10-bit resolution
- Bank switching provides access to 192 channels
- Select, Solo and Mute keys per channel
- 24 encoders control pan, aux level or channel strip functions like EQ and Aux
- LED ring displays around encoders display parameters or channel meters
- In/Out point buttons
- Assignable function keys can be set to auto punch, record arming, undo etc.
- Solid-feeling transport controls
- Smooth Jog/Shuttle wheel
- Joystick for surround panning
- Footswitch jack for punch-ins
- External power adapter AC input: 90–264V, 47–63Hz
- External power adapter DC output: 8 V, 5.62A
- Dimensions (W x H x D): 908 x 83 x 387 mm
- Weight (excluding AC adapter): 9.0kg

## FW-1804 FIREWIRE AUDIO/MIDI INTERFACE



- 18-in/12-out audio interface
- 24-bit A/D and D/A converters, sampling frequency up to 96kHz
- 4 balanced XLR/TRS mic/line inputs with switchable phantom power (+48V)
- 4 additional balanced TRS line inputs
- Analogue inserts on inputs 1–4
- Guitar-level input
- 10 digital inputs and outputs: ADAT optical (8 ch.) plus SPDIF coaxial (2 ch.)
- Balanced stereo line output with level control
- Headphone output with level control
- 2 MIDI inputs and 4 MIDI outputs
- Word Clock input and output
- Assignable footswitch jack
- 3 control surface modes to monitor the signal from the host application only, the input signal only, or both the host application and input signal
- ASIO and WDM compatibility for Windows 2000 / Windows XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 9 / OS X

- LED status indicators
- 18-in/2-out mixing capability with GUI
- Includes GigaStudio™ 3 LE software sampling instrument and Steinberg® Cubase® LE software

### Applications

- **Live recording:** Record four mic and four line sources with this portable interface and a laptop
- **DAW recording:** 96-kHz/24-bit recording resolution, high-quality mic preamps and 64 channels of MIDI I/O make a powerful interface for home production studios
- **MIDI sequencing:** Built-in MIDI I/O, 8 line ins and an SPDIF digital in for interfacing with racks of synths
- **Project and professional studios:** Transfer up to 18 channels from a mixing console to DAW recording software

## FW-1082 FIREWIRE AUDIO/MIDI INTERFACE AND CONTROL SURFACE



- Audio interface with 10 inputs and 4 outputs
- 24-bit/96-kHz audio resolution
- Four balanced XLR/TRS mic/line inputs with phantom power
- Four additional balanced TRS line inputs (one switchable to Guitar)
- Analogue inserts on channels 1 and 2
- SPDIF stereo digital input and output
- Balanced TRS monitor outputs
- Headphone output with level control
- Two MIDI inputs and outputs
- Assignable footswitch jack
- Nine 60-mm touch-sensitive moving faders
- Eight channel strips with solo, mute and select buttons and record arm indicator
- Four assignable encoders

- Transport controls, jog/shuttle wheel and many other surface controls\*
- Emulates Mackie® HUI® and Mackie® Control™ in addition to included native mode control plug ins
- Includes GigaStudio™ 3 LE software sampling instrument
- Includes Steinberg® Cubase® LE software
- Dimensions (W x H x D): 486mm x 83mm x 386mm
- Weight: 6.5kg

\*Control Surface compatibility for some features is subject to the DAW program's native driver software. Check for the latest driver software updates and documentation.





FW-1884 shown with optional display and two optional FE-8 fader expanders

Other features

- 2 x IEEE-1394 (FireWire) interfaces
- ASIO and WDM compatibility for Windows 2000 / XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 9 / OS X
- LED indicators (Functional status, Control key, Signal level, Control surface mode, MIDI and other I/O status)
- Stand-alone mixer mode (18 in and 2 out, Trim, Phantom, Insert, Solo, Mute, Pan, Fader)
- Footswitch connector (6.3-mm jack)
- Optional FE-8 (8-channel fader expander)

Control Surface

- Highly programmable control surface for digital audio workstation (DAW) system
- 9 x 100-mm touch-sensitive motorized faders
- Mixing parameters / HDR edit / Transport / Record function / Automation control
- Shortcut keys for various popular audio software applications
- Compatible with a wide variety of popular DAW applications
- Mackie Control Emulation

Audio/MIDI Interface

- High-resolution professional multi-channel audio interface (18 in and 10 out)
- 24-bit resolution
- 44.1/48/88.2/96kHz sampling frequencies
- 24-bit AD/DA converters
- 8 analogue Mic (XLR) / Line (6.3-mm jack) balanced inputs with 48V Phantom power (Ch. 8 switchable Mic/Line / Guitar)
- 8 analogue inserts

- 8 analogue balanced line outputs (6.3-mm stereo jacks, CH1-2: for Stereo outputs/ CH1-8: for Surround monitoring)
- 1 SPDIF digital Input (selectable between Coaxial and Optical)
- 1 SPDIF digital output (selectable between Coaxial and Optical)
- 1 ADAT digital I/O (8 in and 8 out)
- 4 MIDI inputs
- 4 MIDI outputs
- Fully independent 4x4 MIDI routing matrix
- Word Clock input and output (BNC)
- Headphone output

## 102 MKII STEREO CASSETTE RECORDER



- IC logic-controlled mechanism
- Dolby B and C noise reduction
- Dolby HX Pro
- Independent left and right-channel peak program level meters with peak hold function
- CPS function
- Intro check function
- Headphone output
- 19" rack-mount construction
- Dimensions (W x H x D): 482 x 132 x 286mm
- Weight: 4kg

## 130 STEREO CASSETTE RECORDER



- 3-head design
- 2-motor IC-logic transport control system
- $\pm 10\%$  pitch control
- Auto monitor (tape or source)
- Master record level control with L-R balance
- Stereo headphones out with independent level control
- Record mute with auto-space function
- Auto tape type selection
- Diecast alloy headblock
- Electronic counter with tape run time mode
- Return to zero
- 16 segment peak level meters
- Timer record/playback facility
- Dolby B/C noise reduction with HX Pro
- 3U standard rack-mount construction
- Dimensions (W x H x D): 482 x 132 x 290mm
- Weight: 5kg

## 202 MKIII DUAL AUTO-REVERSE CASSETTE RECORDER



- Dolby B/C and HX Pro
- Normal and high speed dubbing
- Intro check  
(Computomatic Program Search)
- Blank scan, record/mute auto spacer
- Sync reverse and dubbing capability
- Unbalanced RCA inputs and outputs on rear panel
- Dual line inputs on front panel
- Headphone jack
- 19" rack-mount construction
- Dimensions (W x H x D):  
482 x 132 x 284mm
- Weight: 4.8kg

## 322 DUAL AUTO-REVERSE CASSETTE RECORDER



- Two independent decks with separate input and output connections
- Simultaneous recording and playback
- Individual recording and playback
- Continuous recording and playback
- Quick auto reverse
- Sync reverse
- Normal or hi-speed dubbing
- Input level control
- Dolby B and C noise reduction
- Dolby HX Pro
- $\pm 10\%$  pitch control
- Up to ten units can be connected together to form 20 deck array for real-time duplication
- Multiple tape dubbing, continuous playback and logging
- Cascade connector for multiple units duplication system
- RS-232 Control Interface
- Control I/O for continuous and relay recording and playback for multiple units operation
- Optional WR-7000 Synchro cable
- RC-322 wired remote control included
- Optional LA-322 balance XLR I/O Kit (one kit for each deck needed)
- Two Heads per deck
- 19" 3U rack-mount construction
- Dimensions (W x H x D):  
483 x 140 x 305mm
- Weight: 7.8kg

## 112 MKII BI-DIRECTIONAL CASSETTE RECORDER



- Hysteresis tension servo control system
- Dolby HX pro
- Dolby B and C noise reduction
- Real-time tape counter
- 3-point auto locator
- Repeat function
- "Auto-Input" monitor selector
- Bi-polar power supply
- Precision VU meters with peak LEDs
- $\pm 12\%$  pitch control
- Rec mute with Auto spacer function
- Program search function
- Auto tape selector
- Optional LA-112 line amplifier unit for balanced operation
- Parallel port for external control
- Front line inputs
- Headphone jack with independent level control
- Optional RC-134 remote control unit
- 19" rack-mount construction
- Dimensions (W x H x D): 482 x 132 x 356mm
- Weight: 8.6kg

## 122 MKIII STUDIO CASSETTE RECORDER



- 3-head design (cobalt amorphous record and play heads)
- Advanced FG servo direct drive capstan motor
- Hysteresis tension servo control for optimum tape handling
- Precision L/R channel VU meter w/peak LEDs
- Dolby B/C and HX Pro
- MPX filter
- Built-in tone oscillators
- $\pm 12\%$  pitch control with clear on/off switch
- Gear/clutch coupled input level controls
- Headphone output with level control
- Front panel line inputs
- Convenient front panel BIAS calibration controls
- Auto-Input monitor selector
- Cue and review function
- Fader start function
- Zero return stop/play and cue point stop/rewind loop functions
- Parallel control port
- XLR +4dBm and RCA -10dBm input/outputs
- 19" rack-mount construction
- Optional RC-134 remote control
- Dimensions (W x H x D): 482 x 132 x 356mm
- Weight: 8.4kg

## T-3000 CASSETTE DUPLICATOR



- Cost effective cassette duplicator
- Three independent cassette decks in one unit (2 slaves and 1 master/slave)
- Master/slave selection on deck 3
- Duplication speed of 4-times normal speed (approximately 7.5 minutes with a C-60 tape)
- Copies both sides of a tape in one pass
- Normal/chrome (CrO<sub>2</sub>) auto switching
- Long-life ferrite heads:
  - Record/playback head: 4-track/4-channel, in-line, ferrite
  - Erase head: half-track x 2, ferrite
- Multiple units can be connected and operated in a series
- 3U rackmountable
- Dimensions (W x H x D): 482 x 132 x 356mm
- Weight: 11.5kg
- Weight: 8.3kg

## DA-78HR 24-BIT, 8-TRACK DIGITAL AUDIO RECORDER



- Selectable 24-bit or 16-bit recording format
  - 44.1/48 kHz sampling frequency
  - Backwards compatible with existing DTRS recordings
  - Synchronization up to 16 units (with DA-38, DA-88 and DA-98)
  - 24-bit, 128 times over-sampling Delta/Sigma ADC and DAC
  - MIDI IN/OUT/THRU
  - Supports MIDI Machine Control
  - Time code in/out with on-board SMPTE synchronizer
  - D-sub 25-pin balanced and RCA unbalanced analogue audio I/O
  - TDIF digital audio interface
  - SPDIF digital audio I/O
  - Word sync IN/OUT/THRU
  - On-board 2-track mix function
  - Machine offset in sub-frame or sample rate accuracy
  - Auto punch I/O with 0.1 frame accuracy
  - Advanced internal electronic patchbay
  - Set-up memory stored to tape
  - Digital direct-track copying within a unit or between two units
  - Shuttle wheel
  - Track delay function
  - ±6% pitch control
  - Seamless punch I/O with digital cross fade
  - Adjustable peak hold and release time level meter
  - Built-in digital tone oscillator
  - A/B head playback error rate display function
  - 3U rack size
  - Dimensions (W x H x D): 482 x 152 x 350mm
  - Weight: 7.5kg
- Optional
- RC-808 simple remote control unit

## DA-98HR 24-BIT, 8-TRACK DIGITAL AUDIO RECORDER



- 8 tracks/24 bit/48kHz
- 4 tracks/24-bit/96kHz
- 2 tracks/24-bit/192kHz
- Based on the legendary DA-88, includes the following additional features:
- Confidence monitoring, for playback and mastering individual input monitor select switch facilitates easier checking of source/tape levels
- TDIF / AES/EBU switchable
- Switchable reference levels for integration into a variety of recording environments with internal tone generator
- Digital track copy/electronic patchbay functionality
- Comprehensive LCD display for easy system navigation
- Dedicated function/numeric keys make operation easier
- Built-in synchronizer with support for MMC & Sony P2
- D-sub connector (37-pin) for parallel interface with external controller
- Optional AD/DA board
- Dimensions (W x H x D): 482 x 176 x 357mm
- Weight: 11.1kg

## DS-D98 DSD / DTRS RECORDER



- Developed by TASCAM and Sony for creation of Super Audio CDs
- The only tape-based machine capable of DSD recording
- Two modes: DSD 2-track and PCM multi-track
- Synchronize up to 16 machines with sample accuracy
- Selectable 24-bit or 16-bit recording format
- Selectable sampling frequencies: 44.1/48kHz (8 tracks), 88.2/96kHz (4 tracks), 176.4/192kHz (2 tracks)
- Confidence monitoring function, selectable reference levels
- LCD display on the front panel
- Setup data memory on tape
- Seamless punch I/O with digital cross fade
- Adjustable peak hold release time level meter
- $\pm 6\%$  pitch control, onboard test tone generator, electronic patchbay
- Sony SDIF-3 interface, TDIF-1 digital audio interface
- 8-channel AES/EBU digital I/O standard
- RS-422 control (P2 protocol), XLR timecode I/O with onboard SMPTE synchronizer
- Word Sync In/Out/Thru
- Dimensions (W x H x D): 482 x 176 x 356mm
- Weight: 11kg

## DTRS OPTIONS



**RC-898** Multi-unit Remote Controller offers centralized transport and record function control of up to 6 DTRS recorders. The RC-898 also features parallel and RS-422 (SONY P2 protocol) ports which allow the RC-898 to control an external ATR or VTR including Jog shuttle operation

**RC-828** Simple Multi-unit Remote Controller offers centralized transport and record function control of up to 4 DTRS® recorders

### Other Options

- IF-AE8HR: 8-channel AES/EBU Digital Interface
- MK-9824: Mount Kit for RC-898/MU-8824
- CS-898: Roll Around Stand for RC-898
- RM-8824: 19" Rack Mount Angle for MU-8824
- TDIF-1EX: Cable extension unit for TDIF-1
- PW-88M: Meter cable (5M)

- PW-1ES: 9-pin standard cable (1M)
- PW-5ES: 9-pin standard cable (5M)
- D-sub 25 pin to D-sub 25 pin analogue PW-1D (1M), PW-4D (4M), PW-10D (10M)

### CableUp DTRS Options

- CU-PW88D: TDIF Cable (1M)
- CU-PW88DM: TDIF Cable (3M)
- CU-PW88DL: TDIF Cable (5M)
- CU-PW88SS: DTRS Sync Cable (0,5M)
- CU-PW88S: DTRS Sync Cable (1M)
- CU-PW848: DTRS Remote Cable (5M)
- CU-PW848L: DTRS Remote Cable (10M)

### CableUp Split Multicores 25pin D-sub to

- CU-SD203 (3M)/205 (5M) 8XLR fm
- CU-SD303 (3M)/305 (5M) 8XLR m
- CU-SD403 (3M)/405 (5M) 8 Stereo Jack

### Digital AES/EBU Split Cable, 25pin D-sub to 4XLR fm / 4XLR m

- CU-AES825 (8M)
- CU-AES810 (3M)

## MX-2424 24-BIT, 24-TRACK DIGITAL AUDIO RECORDER / PLAYER



- 24 tracks of 48/44.1kHz, 24-bit audio recording, playback and editing
- 12 tracks of 96kHz, 24-bit audio
- 24 channels each of analogue and digital I/O or both
- Intuitive easy-to-use front panel for accurate editing, recording and playback
- MX-View Graphical User Interface (GUI) for Windows or Mac OS 9 compatible computers (see next page)
- Video clock, LTC and MTC
- Sample accurate TL-Bus (TimeLine Bus) allows sample accurate chaining of up to 32 units together which provides 768 channels at 48/44.1kHz or 384 channels at 96kHz
- Internal 9 gigabyte LVD SCSI drive that can be replaced or updated by the user
- SCSI connector for external SCSI-3 Ultra 2 Wide hard drives (80 Mbps)
- Industry standard 5.25" slot for qualified DVD-RAM or second hard drive

- Jog/scrub wheel for accurate audio location
- 999 virtual tracks freely assignable
- Link up to 32 machines with sample accurate lock (768 tracks) via TL-BUS
- Open-TL edit decision list
- Support for industry standard digital audio clock frequencies
- Record in Sound Designer II or WAV audio formats
- Quick and efficient software updates available via the Ethernet port or on Smart-Media™ card
- 100 levels of undo accessed from the front panel, the RC-2424, or the GUI software
- Dimensions (W x H x D): 482 x 178 x 445mm
- Weight: 7.5kg

## RC-2424/MX-VIEW MX REMOTE CONTROLLER



### RC-2424

- Familiar front panel layout of MX-2424
- Controls multiple MX-2424 machines
- Eight user-definable macros for frequently used keystrokes
- Additional keys for dedicated editing functions, allowing you to work faster and more comfortably
- Additional functions for controlling TSLSYNC
- Status lights offer immediate indication of important system functions

### MX-View

- MX-2424 Graphic editing interface
- Mac OS 9 and Windows native versions
- Scrolling real-time tracks with waveforms
- Sample level waveform editing, including Pencil tool for repair of clicks and pops
- Drag and drop editing on the fly
- 24 track on-screen meters for accurate level metering of up to six MX-2424s
- Edit on up to six MX-2424s simultaneously in one window

- Break-point style volume automation and event based gain automation
- Floating, dockable and re-sizable windows for custom configuration
- Flexible interface allows hide/show of buttons and docking windows to maximize screen editing area
- 12 color-coded edit groups for editing across multiple tracks
- Computer Ethernet backup/restore and audio file transfer with verify function
- Custom configurable keyboard command sets
- Selectable linear and custom fades and crossfades
- Easy virtual track and project file management
- Repeat Paste editing commands for seamless looping
- Batch Fade processing
- Locator window with up to 100 named locate points
- Floating transport window for easy access and quick navigation

## DV-RA1000 HIGH-DEFINITION AUDIO/DSD MASTER RECORDER



- High-quality stereo recording at up to 192kHz/24-bit or DSD format
- Records standard CD-DA to CD-R/RW media, and Broadcast Wave and DSDIFF files to DVD+RW media
- Multiband compression and 3-band EQ for master processing
- Fade in/out and editing functions
- USB 2.0 port
- Balanced XLR and unbalanced RCA I/O
- Balanced AES/EBU inputs and outputs
- SDIF-3 DSD I/O for external conversion and processing of DSD audio
- Dedicated input level control (only one key press away)
- Adjustable maximum output level
- $\pm 6\%$  pitch control
- Word Sync In, Out, Thru
- Wired remote control and RS-232C serial port
- PS/2 keyboard connector
- User-definable function keys
- Large, backlit LC display
- Power-on Play feature

- Auto track increment
- Various playback modes such as auto cue, auto ready, single/continuous, program and A/B play
- Headphone output
- Supports UDF disk format

### Applications

- Master Recording
  - Record your final mix at the best possible digital resolution for CD or SACD
- Mastering
  - Transfer analogue masters to DSD or 192kHz for remastering to SACD or DVD audio
- Live Recording
  - Connect to a top-quality mixer or mic preamp for stunning classical recording
- Sound Installations
  - Put in any system where you would use a professional CD recorder



## MD-350 MINI DISC RECORDER / REPRODUCER



- Cost-effective professional-grade 2-track MiniDisc recorder/reproducer
- 2U height 19" rack-mount construction
- Versatile edit functions (DIVIDE, ERASE, MOVE, COMBINE, TRACK TITLE, DISC TITLE)
- Front panel keyboard connection (PS/2 type keyboard connector)
- 20-bit ADC/DAC, ATRAC 4.5
- Pitch control -12%
- Repeat Play function
- Timer Record / Play function
- Programme and Shuffle Play mode
- Auto Ready, Auto Space and Auto Cue
- 2 stereo Longrecord/play modes: LP2 (1/2 speed), LP4 (1/4 speed)
- Monaural recording mode
- On-board Sample rate converter
- SCMS
- RCA coaxial digital input
- XLR balanced and phono unbalanced analogue inputs and outputs
- RC-32 wireless infrared remote controller supplied as a standard accessory
- Dimensions (W x H x D): 483 x 94 x 313mm
- Weight: 5.5kg

## MD-CD1 PROFESSIONAL MINI DISC RECORDER / CD PLAYER



### CD deck

- MP3 file playback / ID3 tag display
- $\pm 16\%$  pitch control
- Change tempo without affecting the key
- Change key without affecting the tempo
- Dedicated digital and analogue outputs
- Transport control with PS/2 Keyboard

### MD deck

- Supports ST, MONO, LP2, and LP4 mode (REC/PLAY)
- Edit functions
- Overwrite recording
- $\pm 12.5\%$  pitch control
- Dedicated digital (optical) and analogue inputs and outputs (RCA)
- PS/2 keyboard connector for title input and external control

### General

- 4 x speed MiniDisc duplication
- MD-CD continuous playback
- RS-232C serial control
- Optional balanced I/O board (LA-MC1)
- Wireless IR remote controller included
- 2U rackmountable form factor
- Dimensions (W x H x D): 483 x 94 x 308mm
- Weight: 5.8kg

## CD-A500/A700 CD-PLAYER / AUTO-REVERSE CASSETTE DECK



### CD Player

- Independent operation for CD player
- Shuffle, Single and Program play
- 3-way repeat function (single/auto/A-B)
- Intro check
- $\pm 12\%$  pitch control (CD-A700 only)
- Auto space
- Timer play
- XLR balanced output (CD-A700 only)
- RCA unbalanced output

### Cassette Deck

- Independent operation for cassette deck
- Auto reverse
- Bi-directional record/replay
- CPS (Computomatic Program Search) with status display
- $\pm 12\%$  pitch control
- CD sync

- Return-to-zero
- Dolby B noise reduction
- Timer play/recording
- XLR balanced I/O (CD-A700 only)
- RCA unbalanced I/O

### General

- Full function remote control
- Control I/O (CD-A700 only)
- Headphone jack with level control
- Independent CD and tape function display
- CD-tape continuous play
- 3U standard rack-mount construction
- Dimensions (W x H x D):  
483 x 145 x 290mm
- Weight (CD-A500): 6.4kg  
Weight (CD-A700): 6.6kg

## CC-222 MKII CD RECORDER / CASSETTE DECK



- Cassette to CD-R/RW dubbing and vice versa
- Continuous playback between decks
- Individual RCA unbalanced analogue inputs/outputs on both decks
- RIAA phono input
- Headphones output with level control
- Wireless remote controller RC-222 supplied as standard
- 3U rack-mountable
- Dimensions:  
483 x 138 x 295 mm
- Weight: 8.0kg

### CD-RW Recorder:

- CD-R, CD-RW, CD-R-DA, CD-RW-DA discs applicable
- Sampling rate converter (32kHz – 48kHz)
- Digital input level control
- Digital direct recording (bypassing the SRC and digital level)
- Fade in and out (1 to 24 seconds, 1 second steps)
- Auto Track Increment (via SPDIF or audio level)

- Sync record
- Adjustable sound level for auto track and sync recording
- Record Mute
- Erase CD-RW discs
- Un-finalize CD-RW discs
- Continuous play, random play, and program play (maximum 25 songs)
- Repeat function (single, all, A-B)
- Intro check
- Timer play (external timer required)
- Coaxial and optical digital input/output

### Cassette deck:

- Auto reverse
- Dolby B noise reduction
- Approx.  $\pm 12\%$  pitch control
- RTZ (Return-to-zero)
- Record Mute
- CPS search function

## CD-160 CD PLAYER



- SPDIF coaxial output
- Variable pitch control  $\pm 6\%$
- Time display (Total/Elapsed/Remaining)
- Music calendar
- Intro check function, Auto Cue with LED indication
- Shuffle play
- 32-selection random programming
- 4-way repeat function (ONE/ALL/PROGRAM/A-B)
- Music Skip/Search
- Headphone jack with level control
- CD-RW disk applicable
- Full-function infrared remote control
- 2U rack-mountable

### Specifications:

- Pickup: 3-beam, semiconductor laser
- D/A Converter: 1 bit DAC
- Digital Filter: 8-times oversampling
- Frequency Response: 20Hz – 20kHz  $\pm 1.5\%$
- Total harmonic Distortion:  $< 0.02\%$  (1kHz)
- Signal-to-Noise Ratio:  $> 85\text{dB}$  (1kHz)
- Channel Separation:  $> 80\text{dB}$  (1kHz)
- Output: RCA unbalanced analogue; 2.0Vrms
- Dimensions (W x H x D): 482 x 104 x 304mm
- Weight: 4.4kg

## CD-450 CD PLAYER



- Auto cue function (-54, -60 (default), -66, -72dB)
- CALL function
- End of message (off, 5, 10, 15, 20, 25, 30, 35s)
- EOM or STOP and PLAY tallies
- Fader start and event start
- $\pm 12\%$  pitch control (in 1% steps)
- Fixed pitch (off,  $\pm 12\%$ )
- Track search, index search and time search using numeric keys
- Single play
- Incremental play
- Auto ready
- Timer play
- Program play
- Repeat play
- Selectable display mode (elapse, remain, total remain)
- Menu-driven control settings for EOM time, EOM/STOP tally select, fixed pitch, auto cue level and timer play on/off
- Battery backup for repeat on/off, single play o/off, incremental play on/off, auto ready on/off, auto cue on/off, display mode (elapse, remain, total remain) and search mode (track index/time)
- RCA unbalanced analogue output
- SPDIF digital output (coaxial)
- 2 stereo phone jacks control I/O for fader start, event start and EOM/STOP and play tallies
- Optional RC-450C wired remote controller
- Optional LA-450 XLR balanced analogue output and AES/EBU digital output kit
- Dimensions (W x H x D): 482 x 104 x 310mm
- Weight: 5.1kg

## CD-RW750 CD-RW RECORDER



- Records to pro CD-R, CD-RW and consumer CD-R and CD-RW media
- 24-bit AD/DA converters
- Input sample rate converter
- Input RAM buffer
- Adjustable recording level in digital domain
- Sync recording function (number of tracks to record, all input data, whole CD copy)
- Auto track increment function
- Selectable track mark function
- Fade in/out recording
- Continue, shuffle and program playback mode
- Single track and all disc repeat
- No SCMS
- RCA coaxial digital I/O
- Optical TOS digital I/O
- RCA unbalanced analogue I/O
- 2U rack-mount construction
- Wireless remote control included
- Dimensions (W x H x D): 482 x 104 x 310mm
- Weight: 5.6kg

## CD-D1X4 CD DUPLICATOR



- Creates four exact duplicates of a CD at once
- Two CD-D1x4's can be cascaded for making up to eight CD copies at once
- Duplicates audio CDs and CD-ROMs using CD-R, CD-RW, CD-R-DA, and CD-RW-DA media
- High-speed duplication: burns CDs at up to 24x regular speed
- Track extraction function copies a selected audio track
- Disc analyze and disc verification features
- Acoustical notification: beeps when copy is done or an error happens
- Erase data from CD-RW
- Headphone output on each drive
- Reliable, industrial grade TEAC drive mechanisms
- Standard rack-mountable chassis (4U)
- Dimensions (W x H x D): 483 x 177 x 385 mm
- Weight: 16.5kg

## CD-X1500 / CD-X1700 DJ DUAL CD PLAYERS



### CD-X1700 only

- 2 integrated samplers (10 seconds each), reverse playback of samples,  $\pm 32\%$  pitch control on samples, Sampler level control
- MP3 playback with pitch bending and tempo changes
- On-board digital effects (Echo, Flanger, Filter), syncable to BPM
- Reverse play

### CD-X1500 and CD-X1700

- Continuous play, single play, and up to 30 tracks program play
- Stutter play
- Seamless A-B loop
- 3 flash start/cue points
- Auto cue and auto ready
- $\pm 0, 8, 16, 32$  and 100% tempo control (by slider or by tapping on the TAP key)
- Key Original function prevents original key from being affected by tempo changes
- Pitch bending function
- $\pm 16\%$  key control
- BPM counter

- Scratch and Brake functions
- TT-LINK®-Accessory connector for the TT-M1 CD Scratch Controller
- Filter effect (CD-X1500)
- Track memory stores various playback settings for up to 100 tracks
- Start playback from an external device which supports fader start (i.e. X-9, X-17, X-15, XS-3, etc.)
- Relay play between both units
- Anti-shock memory
- Digital SPDIF output
- Supports CD-R/RW discs
- Compact 2U/3U controller size
- Dimensions (W x H x D),  
CD drive unit: 482 x 94 x 272mm (including feet)  
Remote control CD-X1500:  
482 x 88 x 83mm (19", 2U)  
Remote control CD-X1700:  
482 x 132 x 83mm (19", 3U)

## TT-M1 CD SCRATCH CONTROLLER FOR DJ TURNTABLES



- CD scratch controller for DJ CD players with TASCAM TT-LINK®-Accessory connector
- Scratch, pitch bend, back-spin and otherwise control your CDs like you were using vinyl
- „Turntable Magic“ retrofits onto the edge of just about any standard DJ turntable (tone arm can still be used)
- No additional special audio hook-ups required

- No computer and no special vinyl records required
- Use DJ turntable platter and controls such as start/stop, tempo slider, power on/off to control CD audio
- Can also work without a turntable (scratch on any flat surface!)
- Powered by the DJ CD player

## X-9 PROFESSIONAL PERFORMANCE DJ MIXER



- Mixing and audio manipulation tool for professional DJs
- 4-channel stereo inputs on line and phono inputs
- 2 coaxial digital inputs (channels 1&2), 2 external line inputs (channels 3&4)
- 2 built-in digital effects processors with reverb, delay, echo, flanger, auto pan, fuzz, low-fi filter, pitch control, transformer and low pass filter; 30 storable effects settings
- Dual sampler
- Fully-parametric 3-band EQ on each input channel with 100 storable patterns
- 3-stage adjustable input fader curve, input fader reverse, cross fader reverse, cross fader curve control
- 1 microphone input with 2-band EQ
- Low/Mid/High cut control for both cross fader sides
- Booth output, analogue balanced master output with attenuator, analogue unbalanced master output with attenuator and pre/post master fader switch
- Coaxial digital master output with pre/post master selection in the menu
- Headphone outputs on front and top panels, with 3-stage headphone EQ
- 4 fader start/stop connectors
- External stereo effect send/return connectors
- 2 assignable foot switches connectors
- Dimensions (W x H x D): 482 x 104 x 304mm
- Weight: 4.4kg

## X-15 / X-17 PROFESSIONAL MOBILE DJ MIXERS



- X-15
- Four-channel rack-mountable mobile DJ mixer
- Eight stereo channel sources (two stereo phono inputs, six line inputs)
- Two mic inputs
- 3-band EQ per channel
- Fader start on all four channels
- Balanced XLR and unbalanced RCA master outputs
- Discrete booth outputs and record outputs
- Replaceable crossfader

- X-17
- Four-channel rack-mountable mobile DJ mixer
- Eight stereo channel sources (four switchable phono/line stereo inputs and four dedicated stereo line inputs)

- Two mic inputs
- 3-bank sampler with pitch control and compact flash slot to save and recall samples
- 3-band EQ per channel
- Fader start on all four channels
- Separate stereo aux input with level control
- Effects send/return
- Balanced XLR and unbalanced RCA master outputs
- Discrete aux outputs, booth outputs and record outputs
- Booth dimmer
- Replaceable crossfader
- Dimensions (W x H x D): 482 x 176 x 102mm
- Weight: 4.0 kg (main unit)

## DM-24 DIGITAL RECORDING CONSOLE



DM-24 shown with optional MU-24 meter unit

- Fully 24-bit, 96 kHz compatible from day one
- Flexible 24 input/8 bus configuration
- Standard interfaces: 24-channel TDIF I/O, 8-channel ADAT Optical I/O, two stereo AES/EBU, two stereo SPDIF
- 16 analogue inputs (XLR mic and 6.3-mm line) with inserts on every channel

- Advanced microphone preamps
- Powerful built-in automation (no computer required)
- 100-mm motorized long-throw faders
- Premium-quality 24-bit A/D and D/A converters
- Two option slots for additional interface modules (including AES/EBU, analogue, TDIF or ADAT)

- High-quality configurable Gate, EQ and Compressor on each channel (2 stage dynamics processing)
- 4-band, fully parametric EQ with gain, frequency sweep and Q (bandwidth) on each channel
- Digital delay on each channel to compensate for latency

- Two built-in effects processors on each channel with reverb, spatial effects and mic/speaker modeling effects by TC Works™, Antares™ and Tascam
- 32-bit floating point processing offers more digital headroom when applying dynamics processing and time based effects
- Comprehensive user interface, featuring large LCD screen and LED ring encoders
- Two DM-24s can operate as a single integrated console via cascade mode
- Extensive machine control
- Options: MU-24 meter unit
- Dimensions (W x H x D): 580 x 140 x 592mm
- Weight: 20.5kg

### IF-FW/DM FireWire expansion card

- High-speed interface card for audio channels to be exchanged between the DM-24 and virtually any computer recording system
- 24-channel input and 24-channel output when used with the DM-24
- MIDI In and Out for use with DAW software
- Supports ASIO, MME, WDM and Apple® Core Audio standards
- Mac OS X and Windows XP compatibility
- Two IEEE-1394 FireWire jacks for connection convenience



## DS-M7.1 PROFESSIONAL DIGITAL SURROUND MONITORING CONTROLLER



- Standard 8-channel TDIF, AES/EBU and ADAT connections for a stem recorder
- Standard TDIF connections to console (AES/EBU and ADAT available on optional cards)
- 8 Input channels, 8 Output channels
- 44.1k, 48k, 88.2k, 96k operation. Pull up/down operation via external master clock
- Flexible downmixing
- Built in Pink Noise generator for monitor calibration
- Individual channel Mute/Solo
- LED SPL display
- Individual channel delay compensation
- Standard monitoring controls such as adjustable Dim, Mono and Alt. speakers
- Multiple Bass Management Modes
- Easily integrates with existing console control room monitor output
- Standard AES/EBU insert for through-encoder monitoring (analogue available on optional card)

- Analogue and AES/EBU surround monitor outputs
- Detachable Front Panel acts as remote control
- Dimensions (W x H x D, overall): 482 x 148 x 401mm
- Weight: 8.65kg (main unit) 0.85kg (remote control unit)

### Optional Interfaces

- IF-AE/DM: 8-channel AES/EBU I/O interface (4-ch. high speed mode compatible)
- IF-AD/DM: 8-channel ADAT I/O optical digital interface
- IF-TD/DM: 8-channel TDIF I/O digital interface
- IF/AN/DM: 8-channel analogue I/O, 20dB headroom

## AV-452 PRESENTATION MIXER / AMPLIFIER



- Audio mixing, video routing, device control, digital amplifier and other installation friendly features in one compact housing
- Four phantom-powered microphone inputs on XLRs and barrier strip
- One A/V channel which acts as an AV receiver, switching between two audio decks and three A/V sources
- Three-band EQ, level, gain and mute controls for each of the four microphone inputs and the A/V channel
- Selectable 100Hz roll-off on mic inputs
- Audio I/O for Cassette, CD-RW, DVD, VCR and Aux
- Composite and S-Video I/O for DVD, VCR and Aux
- RGB In/Thru port for connection convenience

- Switchable Cascade input allows multiple rooms to be linked together
- Stereo digital amplifier delivers 100W per side at 8 ohms
- RC-452 learning IR remote control sends infrared commands to projectors and other devices when inputs are selected
- Record monitor selection allows dubbing between A/V devices
- Constant voltage input with noise gate allows paging systems to be integrated into the same speaker system
- EMG break input to mute local audio when an emergency alarm system is activated
- Motorized master volume control





## **MX-4** 4-CHANNEL MICROPHONE PREAMP



- Four-channel mic preamp, MS matrix
- Phantom power, PAD, phase, mute switchable
- Direct out, stereo sub input

## **MA-8** 8-Channel MICROPHONE Preamp



- 8 high-quality microphone preamps
- 8 XLR balanced microphone inputs
- Switchable 48 V phantom power
- Eight 6.3 mm direct output jacks
- 55 dB Input trim control on each channel
- Ground lift switch
- Internal power supply (no adapter needed)
- 1U rack-mountable chassis

## **MH-40 MKII** HEADPHONES AMPLIFIER



The MH-40 MKII can drive up to four stereo headphones from a single line level source signal.

1.5 watts of power from each headphone output provides sufficiently high levels for high quality sound.

## **GIGASTUDIO 3** EXPANDABLE SAMPLING WORKSTATIONS



### **New in version 3.0:**

- Available in three variants (Orchestra, Ensemble and Solo)
- Unlimited Polyphony in Orchestra (dependant on hard drive speed and computer processor speed); 160-voice polyphony in Ensemble, 96 voices in Solo
- 128 MIDI channels in Orchestra (Ensemble: 64 channels, Solo: 32 channels)
- VST Plug-in and ReWire support
- 24-bit/96-kHz sample rate
- Expanded mixer with up to 128 channels and 32 fader groups
- Quick Edit: Alter parameters on the fly
- New User Interface look and feel for improved workflow and usability
- Intelligent MIDI providing Legato, Alternation, Random modes and more
- Sample Recording with new GSIF 2.0-compatible soundcards
- Kernel-level MIDI eliminates latency and reduces jitter on the incoming MIDI data
- GigaPulse™ Convolution Reverb (Playback-only version in Ensemble and Solo; GigaPulse™ Pro in Orchestra)
- Convolution Surround placement
- Enhanced Capture To Wave to record 8 audio streams simultaneously
- Unlimited instrument stacking
- Up to 128 Dimensions available for expressive keyswitches and crossfades
- Support for 8 channels of audio input and 32 channels of output
- GigaPiano 2 included with Orchestra and Ensemble ("light" version in Solo)
- Vienna GigaSymphony sample library included with Orchestra

### GigaStudio's well-known features:

- Streaming samples over 4GB in size
- Low latency
- 32-bit audio signal processing
- High quality sound libraries
- Runs on inexpensive PC hardware
- Integrates with Mac sequencers with a soundcard and a MIDI jack
- Quicksound™
- Articulations
- Network streaming capability
- DirectSound™ compatible



- Windows® VST plug-in reverb processor taking advantage of TASCAM's latest DSP technology
- Acoustic space modeling via exclusive convolving algorithms
- Ultra-realistic emulation of any room, vintage EQ or microphone
- Create new impulses (reverb characteristics) from your own recordings and apply them to other sources
- 2D mic/source placement – move your source to up to 18 locations in a room – the perfect effect for orchestral arrangements and other spacious mixes
- Microphone modeling can be applied to the environment or used alone to add vintage microphone warmth to recordings
- Tail extension function reduces computer processing load to free up your CPU for more instances
- "Move" the mic using the Perspective slider, controlling the reverb amount while maintaining phase and stereo imaging
- Impulse libraries available from TASCAM, or download numerous freeware impulses from the Internet.

## GIGA SOUND LIBRARIES

ULTIMATE TIMPANI  
 ULTIMATE ORCHESTRAL PERCUSSION  
 ULTIMATE MARIMBA & VIBES  
 GIGAHARP  
 PETER EWERS SYMPHONIC ORGAN  
 GM150/GM500 GENERAL MIDI  
 NASHVILLE HI-STRUNG GUITARS  
 MAX.STEEL ACOUSTIC GUITAR  
 SLAP BASS / FINGERED BASS  
 LS UPRIGHT ACOUSTIC BASS  
 RHODES  
 GIGAPIANO 2  
 BÖSENDORFER 290  
 STEINWAY D

### BIGGA GIGGA Libraries

ORCHESTRAL BRASS SET  
 FRENCH HORN  
 TUBA  
 TROMBONE  
 TRUMPET  
 TSAX / BSAX / SSAX / ASAX  
 SAXBUNDLE  
 JACARANDA GUITARS 1  
 ORGAN TOOL KIT DELUXE  
 ORGAN TOOL KIT  
 THEATER ORGAN VOL.1  
 POSITIVE ORGAN  
 SUNE'S L100 HAMMOND  
 RAINPIANO  
 STUDIOBUNDLE PIANO  
 STUDIOGRAND88 PIANO  
 POST PIANO SUITE VOL.1  
 FORTE PIANO  
 ESTONIA ACOUSTIC GRAND  
 HOHNER D6 CLAV  
 HARPSCORDS VOL.1&VOL.2  
 RHODES PIANO  
 DX REX GLASSTRAX DXII  
 ROLAND JX3P SYNTH  
 OBERHEIM MATRIX 12  
 ATTACKSYNTH MEMORY MOOG

ARP SOLINA STRINGS  
 WORRA'S PROPHET  
 ACOUSTIC ESSENTIALS BUNDLE  
 NATIVE AMERICAN FLUTES  
 ACOUSTIC ESSENTIALS STANDARD  
 HARMONICA ESSENTIALS  
 TOPAZ STUDIO KITS VOL.1  
 KITCHEN SYNC /MIDI FILES  
 BORIS' UNITRA RYTHM 16

### Q-UP Libraries

HOLY GRAIL PIANO  
 DJ MASTER VIOLIN  
 DJ PRIVATE COLLECTION  
 SYMPHONIC FIELDS  
 VELOCITY  
 BUN E IN A BOX  
 KODISH DRUM & BASS  
 LATIN GROOVE 1-AFROCUBAN  
 LATIN GROOVE 2-BRAZIL  
 LATIN GROOVE 3-CARRIBEAN  
 DANCE PARTITION  
 HEAVY HITTERS DRUM SETS  
 BELL-STREETBEATS  
 VOICES OF ISTANBUL  
 NATIVE AMERICA VOL.1 & VOL.2  
 HEAVY GUITARS  
 DREAM EXPERIENCE  
 THORN-PANDORA'S BOX  
 TORN-TONAL TEXTURES  
 MILES-PSYCHIC HORNS  
 PRODUCERS COMPOSITE

### CHRONIC MUSIC Libraries

BIGROCKIN DRUMS  
 BIGROCKIN2 DRUMS  
 CHRONICHORNS  
 FUNKY DRUMS  
 FUNKY2 DRUMS  
 GIGABOMB DRUMS  
 LARIOT4 DRUMS  
 LARIOT5 DRUMS

