

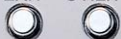
 **BOSS**

DIGITAL RECORDER **MICRO BR**

POWER



EXIT UTILITY



MODE



CURSOR

032-1-00 132.0 
00:01:05-13.6'
EFFECTS L/R TR 1 2 3 4 RHYTHM 

MIC



A↔B INPUT



VALUE



TR1



TR2



TR3



TR4



EFFECTS RHYTHM
TUNER



MP3
TRAINER



GUITAR IN



The World's Smallest
Pro Studio!

Meet the ultimate palmtop guitar companion and recording studio. Small enough to fit in your pocket, the tiny-yet-powerful MICRO BR is a dream for musicians on the go. The MICRO BR offers four simultaneous playback tracks (plus 32 V-Tracks), MP3 compatibility, onboard multi-effects, built-in rhythm patterns, a tuner, USB, an SD Card slot, and more. No guitar case or gig bag should be without one!

DIGITAL RECORDER MICRO BR

POWER



EXIT UTILITY



MODE



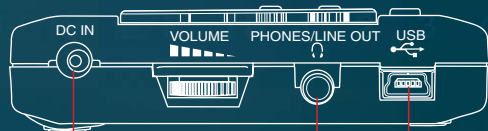
CURSOR

MIC



Side Panel

Left



1

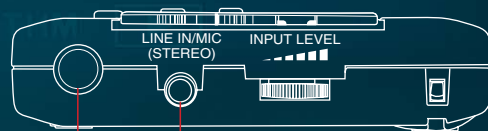
2

3

TR1

TR2

Right



4

5

TR3

TR4

- 1 DC IN connector
- 2 PHONES/LINE OUT jack
- 3 USB connector
- 4 GUITAR IN jack
- 5 LINE IN/MIC jack (STEREO)

Specifications

● **Tracks** Track: 4, V-Track: 32 (8 V-Track per each Track), Up to 2 tracks can be recorded simultaneously, Up to 4 tracks can be played back simultaneously ● **Data Type** HiFi (MT2), STANDARD (LV1), LONG (LV2) ● **Audio Data Type (MP3 Mode)** MP3 (192 kbps, 44.1 kHz), MP3 (128 kbps, 44.1 kHz), MP3 (64 kbps, 44.1 kHz), WAV (44.1 kHz, 16 bits) *The MICRO BR can play the MP3 in bit rate range of 64 to 320 kbps. ● **Signal Processing** AD Conversion: 24 bits + AF method (GUITAR IN, onboard mic), 24 bits (LINE IN/MIC), DA Conversion: 24 bits *AF method (Adaptive Focus method) Adaptive Focus is a unique Roland/BOSS technology that allows the signal noise (S/N) ratios of AD and DA converters to be vastly improved. ● **Useful Capacity** SD Card: 32 M to 1G bytes ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz to 20 kHz ● **Nominal Input Level (Variable)** GUITAR IN jack: -20 dBu, LINE IN / MIC jack: LINE: -10 dBu, EXT MIC: -40 dBu ● **Input Impedance** GUITAR IN jack: 1 M Ω , LINE IN / MIC jack: LINE: 17 k Ω , MIC: 10 k Ω (Plug-in Power=off), 1.8 k Ω (Plug-in Power=on) ● **Nominal Output Level** PHONES / LINE OUT jack: -10 dBu ● **Output Impedance** PHONES / LINE OUT jack: 33 Ω ● **Recommended Load Impedance** PHONES / LINE OUT jack: Headphones: 16-100 Ω , LINE: 1 k Ω or greater ● **Interface** USB Connector (Mini-B type) ● **Display** 16 Characters x 2 Lines, 22 icons (White Backlit LCD) ● **Connectors** GUITAR IN jack (1/4 inch phone type), LINE IN / MIC jack (Stereo miniature phone type, Plug-in Power compatible), PHONES / LINE OUT jack (Stereo miniature phone type), USB connector (Mini-B type) ● **Power Supply** Alkaline dry battery LR6 (AA) type x 2, DC 9 V; AC Adaptor (PSA series, separately sold) ● **Current Draw** 9 V 140 mA (AC Adaptor) / 3 V 320 mA (Battery) ● **Expected battery life under continuous use** approximate 6 hours (with power save function) *May vary according to usage conditions, batteries used, and type of SD Card used ● **Dimensions** 136.0 (W) x 81.5 (D) x 21.5 (H) mm, 5-3/8 (W) x 3-1/4 (D) x 7/8 (H) inches ● **Weight** 130 g / 5 oz (without batteries and SD Card) ● **Accessories** Soft Case, Size AA Alkaline dry (cell) battery x 2, Demo Card (128 MB SD Memory Card) ● **Options** Play Cover (BA-M-BR), Earphones / Guitar Cable Set (BA-PC15), AC Adaptor (PSA)

* 0 dBu= 0.775 Vrms



SD Memory Card



Size AA Alkaline dry (cell) battery x 2



Soft Case Included

Dimensions



Options



Play Cover BA-M-BR



Earphones / Guitar Cable Set BA-PC15



AC Adaptor PSA Series

DIGITAL RECORDER MICRO BR

COSM USB S

BOSS[®]



A Miniature Marvel

For decades, BOSS has led the music-products industry with its small-but-mighty effects and accessories. BOSS's award-winning BR multitrack series has also set the trend for portable studios. With the MICRO BR, BOSS sets a new standard in mini digital recording.

BR in Your Pocket

The MICRO BR is so small you can put it in your pocket! It measures just 136.0 mm x 81.5 mm x 21.5 mm (5-3/8" x 3-1/4" x 7/8"). But even though it's tiny, the MICRO BR packs an entire studio's worth of features into its small case. There are a dozen buttons on its front panel and even a built-in microphone for quick capture.



Four Tracks & More

At its core, the MICRO BR is a four-track studio with four simultaneous playback tracks and two simultaneous record/input tracks. However, there's more to this recorder than meets the eye. Each of the four main playback tracks also has eight companion V-Tracks (for a total of 32), so you can record take after take after take, then pick your best material for final mixdown. All of your data is stored on convenient SD (Secure Digital) media found in common electronics shops. The included 128 MB card, for example, can record approximately 64 minutes of audio when one mono track is selected.



■ Recording Time

Multi-track recording

unit: minutes

Data Type	Memory Size					
	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
HiFi (MT2)	15	31	64	128	257	502
STD (LV1)	18	38	76	154	309	604
LONG (LV2)	23	47	96	192	386	755

The above-listed recording times are approximate. Times may be slightly shorter depending on the number of songs that were created. The above number is the total for all the tracks that are used. If each of the four tracks contains an equal amount of data, the length of the resulting song will be approximately 1/4 of the above. The memory capacity (recording time) decreases when the MP3 file etc. exists in the memory.

MP3

Bit Rate	Memory Size					
	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
192 kbps	21	43	88	177	355	693
128 kbps	32	65	132	265	532	1040
64 kbps	65	131	265	531	1065	2081
WAV	2	5	12	24	48	94

The above-listed recording times are approximate. Times may be slightly shorter depending on the number of MP3/WAV files that were created. The memory capacity (recording time) decreases when the track data (Song) exists in the memory.



Drum Machine & Effects Onboard

Almost 300 drum patterns are built into in the MICRO BR. Use them for play-along inspiration or even as song foundations. The rhythms don't consume any of the four playback tracks — they play back independently. Also, a quality multi-effects processor is onboard, including COSM amp models (see below) and a time-stretch algorithm for changing the tempo of your audio tracks without changing pitch — a great tool for both audio editing and phrase training.

■ COSM AMP type

COSM GUITAR AMP MODELING						
JC-120	CLEAN	CRUNCH	MATCH	VO DRV	BLUES	BG LEAD
MS(1)	MS(2)	MS(1+2)	SLDN	METAL	METAL D	

Microphone and Tuner Onboard

Built into the MICRO BR are two handy bonus features: a built-in microphone and a guitar tuner. Use the internal mic to capture audio instantly, no matter where you are. And there's no need to carry a separate tuner, since the MICRO BR has one built in.

MP3 Compatibility

The MICRO BR is capable of loading and playing MP3 files. Load up your favorite guitar-hero song via USB, slow down the tempo with no pitch change, and learn all of your favorite licks. You can even use the MICRO BR as a standard MP3 player.

USB Port For Data Transfer

Import and export audio files to and from the MICRO BR via one simple USB cable. Just connect to your computer of choice, and drag and drop your files. It's that simple! Compatible file types include MP3, WAV, and AIF.



 **BOSS**[®]

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The actual MICRO BR has printed text on its back panel,
which has been removed in this photo for aesthetic purposes.

Printed in Japan Sep. 2006 RAM-4091 GR-GEN-SE BEI-2

*Actual size