SU10

YAMAHA

SAMPLING UNIT
with Ribbon Controller

Stereo Digital Phrase Sampler plus Realtime DJ Effects, for Recording and Performance Environments

The Yamaha SU10 is the world's only handheld unit to combine CD-quality stereo digital phrase sampling with a unique touch-driven ribbon controller, special playback features, a built-in sequencer, and realtime scratch and filter effects. All in an attractive, easy-to-use, remarkably affordable performance tool

for a wide range of users and environments, including:

- Amateur and professional DJs
- Rap, hip-hop, house, and techno artists
- Desktop-music and multimedia artists
- Sound-effects artists
- Filmmakers, video makers
- Recording engineers

▶ Phrase Sampling

Record and replay up to 48 stereo waveforms. Maximum sampling rate is 44.1kHz, equivalent to audio CD. Or select a lower sampling rate to increase available sampling time — to a maximum of 54 seconds.

▶ Sample Editing

The SU10's editing features allow you full flexibility in designing your sounds. You can set playback direction, loop type, and pad action separately for each sample. Set arbitrary start, end, and loop points. Adjust relative playback volume. Assign arbitrary MIDI note numbers to your samples. And more.

▶ Ribbon Controller and Realtime Performance Effects

The dynamic finger-driven ribbon controller works both with SU10 playback and on realtime input from a CD player, microphone, or other sound source. Ribbon effects are dramatic, and great fun to work with. You can use the ribbon to control the filter cutoff frequency, to "scratch" out a sound segment, to slide the pitch, or to control crossfading of local playback and external input.

▶ Additional Play Features

You can HOLD selected samples, or play samples in REVERSE. Use SCALE mode to set a single sample to play at incremental pitches along the console. Use FILTER modes to apply filtering to local playback or realtime throughput.
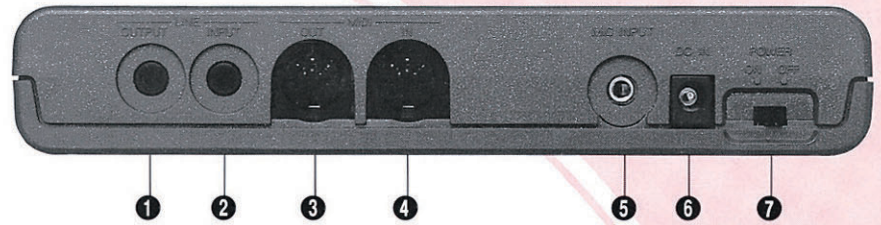
▶ Songs

The SU10's sequencing function stores up to four sample-replay sequences as independent "songs." Song and sample replay can be used together — so you can set up a song as a background, then play samples on top of it.

▶ MIDI Support

Use MIDI bulk dumps to back up all data to external storage — for example, to a floppy disk in a Yamaha MDF2. Or use MIDI sample dumps to download specific samples to a synth or computer. Drive the SU10 from a remote keyboard or sequencer, or drive a remote tone generator from the SU10. Assign arbitrary note numbers to your 48 samples, and an arbitrary controller number to the ribbon controller.

▶ Sampling Disk Included

The SU10 package includes two CDs: the Showcase Sampling Collection with over 500 performance-oriented samples from Time+Space, and the Sound Effects Collection with 270 samples.

SU10
SAMPLING UNIT

❶ LINE OUTPUT   ❹ MIDI IN   ❻ DC IN
❷ LINE INPUT   ❺ MIC INPUT   ❼ POWER
❸ MIDI OUT

SU10 SPECIFICATIONS

Maximum polyphony	4 samples (monaural)
Maximum numbers of samples	48
Sampling Rate	11.64 to 44.1kHz
Maximum sampling time	19 sec.(High), 27 sec.(Standard), 38 sec.(Long), 54 sec.(Extra Long)
Sequence (song) function	4 songs (sample-play sequences) [max approx. 1000 events total] Start/stop at any location; REPEAT or once-through playback
Special play features	SCRATCH, FILTER, REVERSE, HOLD, PITCH, CROSSFADE, SCALE.
Special performance modes	EXTERNAL FILTER: Apply filtering to realtime acoustic throughput. EXTERNAL SCRATCH: Use ribbon to apply scratch to buffered section of realtime throughput.
Sample-specific editing	Loop mode (× 5); sounding mode (× 3); "alternate" group ("Off", 1 to 3); MIDI Note No.; playback start point, end point, loop point
Display	Custom LCD
Ribbon controller	Controls pitch, scratch, crossfade, or filter cutoff. Can be assigned arbitrary MIDI controller number.
MIDI	MIDI IN/OUT support Assign arbitrary note number to each sample. Use ribbon as MIDI controller (accepts arbitrary control number). Bulk dump send/receive; sample-dump send (MIDI sample dump format)
Connectors	LINE INPUT, LINE OUTPUT, MIC INPUT (stereo miniphone jacks) MIDI IN, MIDI OUT Headphone jack (stereo miniphone) DC IN
Power Supply	Optional PA3-B, PA1-B or equivalent AC adaptor, or six 1.5V AA (SUM-3 or R6P) batteries
Dimensions (W x D x H)	168 × 104 × 32.2 mm (6.61" × 4.09" × 1.27")
Weight	0.4kg (0.88 lb.)
Included accessories	Two sample CDs

Specifications subject to change without notice.

For details please contact:

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