



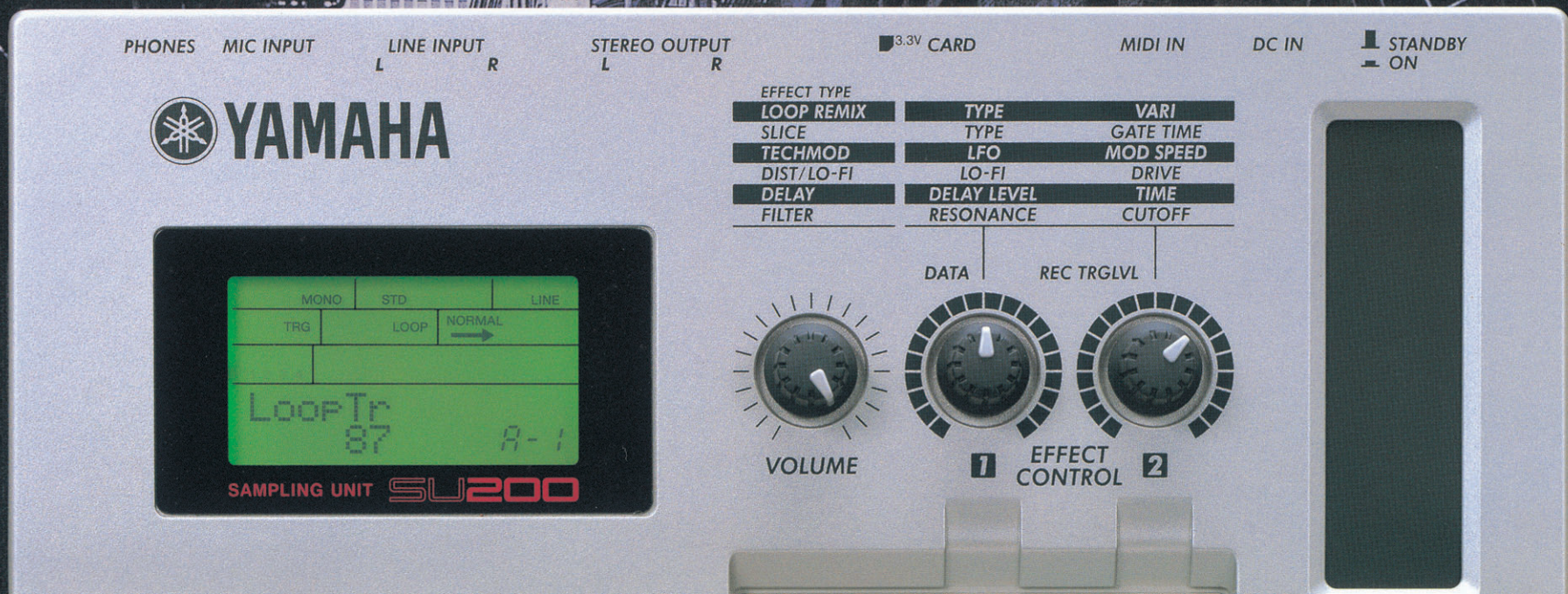
SAMPLING UNIT

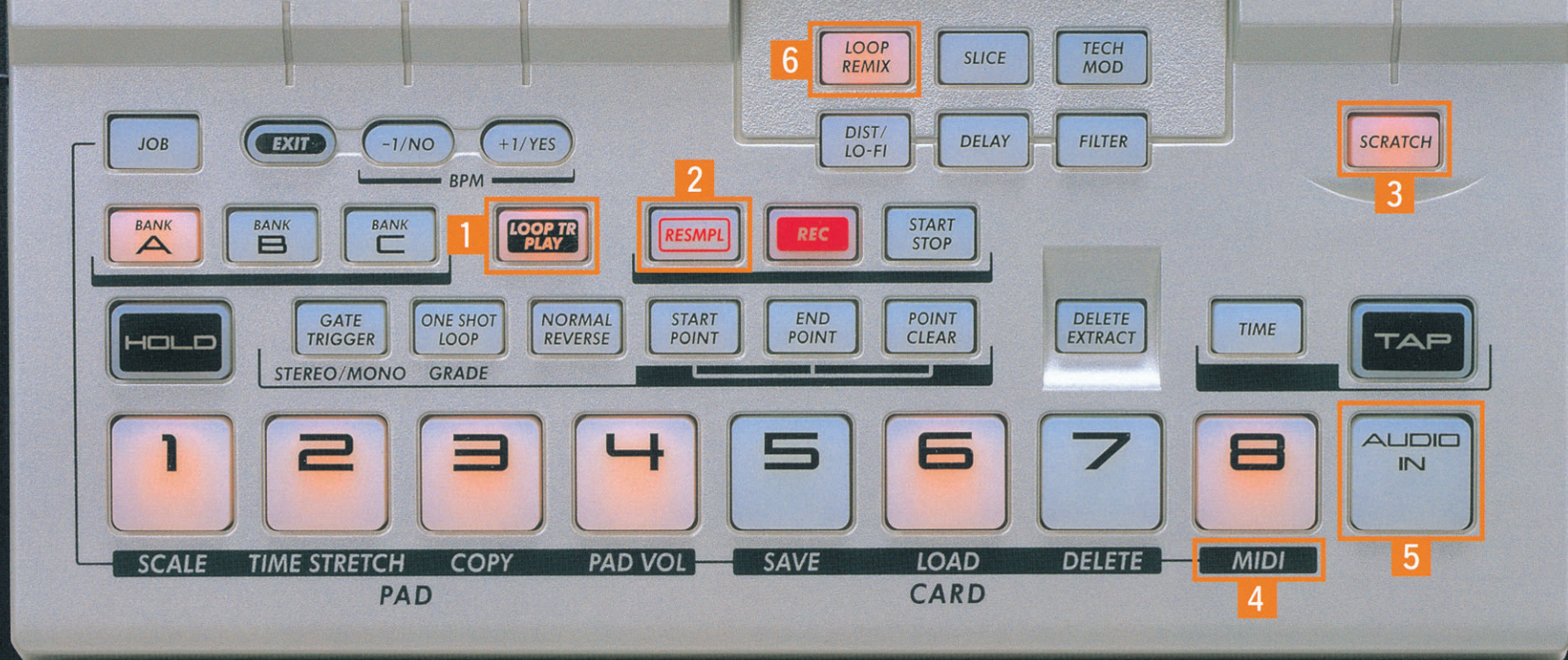
SU2000



Killer Loops, Slammin' Grooves... The SU200 Puts the Power in Your Hands!

Presenting the SU200. The most power-packed phrase sampler in its class. Once you get your hands on its **intuitive sampling interface, awesome effects, impressive remixing functions and realtime controllers**, you'll be creating and mixing loops in no time—even if you've never owned a sampler before. That's because the SU200 is loaded with an outstanding array of features that make it **easier than ever to create killer dance tracks**. Its amazing **"LOOP REMIX"** function lets you **change the groove** of your loops as you play them—**ON THE FLY**. And by simply pressing the **"LOOP TR PLAY"** button, your sample loops will **instantly play back in perfect sync—regardless of their original BPM!** If you've been wanting to lay down your own sample-based grooves, check out the SU200 and you'll agree—it's one **HOT** box!





1 LOOP TRACK PLAY (Automatic BPM Sync of Multiple Loops)

The SU200 is the only sampler in its class that can **automatically synchronize your sample loops on demand**—even if they are sampled at different speeds! Simply turn on the Loop Track Play function and you'll be able to make a perfect mix by muting and unmuting sample pads. **Up to 6 loops can play back simultaneously, giving you enough sound power to create full-fledged tracks.** Let's give it a try:

- 1 Press the [LOOP TR PLAY] button. All samples set for LOOP begin playing at the same BPM. Any samples set to ONE SHOT remain off.



Note: To select ONE SHOT or LOOP, simply select the pad you want to set and press the [ONE SHOT/LOOP] button so that ONESHOT or LOOP appears on the display.

- 2 To mute any sample, press the corresponding pad. The pad goes dark, and the sample stops playing.

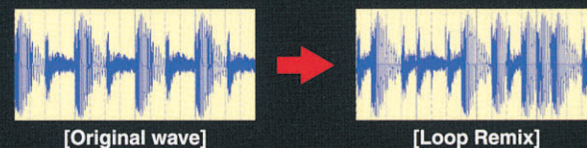


Press the pad again, and sample playback resumes.

- 3 Now try changing the tempo (BPM) of the overall mix. Use the [-1/NO] and

6 LOOP REMIX!!!

Creating slammin' rhythm loops has never been easier! **LOOP REMIX** lets you **instantly create hot new variations of your sample loops**. Best of all, it can be applied as the loop is playing, allowing you to alter the groove on the fly. Never before has a phrase sampler offered such impressive realtime groove control.



Can't wait to try it out? Follow these easy steps and let the mix begin...

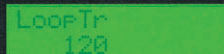
- 1 Press the [LOOP TR PLAY] button.



- 2 While holding down the [HOLD] button, press the pad to which you want to apply the **LOOP REMIX** effect (Rhythm tracks work best).



[+1/YES] buttons to adjust the tempo, or tap the [TAP] button three or four times at your desired tempo.



- 4 Ready to add in some samples on the fly? Try pressing any pad set for ONE SHOT. These pads are not affected by Loop Track Play, so you can play them as you like.



- 5 Press the [LOOP TR PLAY] button again to stop sample playback.

Note: In Loop Track Play mode, samples are divided into a number of small pieces to achieve synchronization. Due to the advanced nature of this processing technique, intermittent noise may be present during playback, depending on the sample.

2 RESAMPLING!!!

This incredible function lets you mix together multiple samples into a single new sample. Acting essentially as a digital multitrack recorder, the **Resampling function records all of your pad taps, knob tweaks and sample scratches as you play them**. You can then play back your newly created sample and “overdub” more samples and effects on top of it by simply repeating the Resampling process. Just imagine the infinite number of loops you can make by combining this function with **LOOP REMIX**!

3 SCRATCH!!!

The SCRATCH function lets you play a sample back and forth on the Ribbon Controller as if you were scratching a record! The Ribbon Controller can also be used to control the currently selected effect in realtime.

Note: When the Ribbon Controller is not assigned the Scratch function, it controls the same effect parameter as that assigned to Effect Control Knob 2.

4 MIDI Clock Sync

Connect the unit to an external MIDI clock source (such as Yamaha's RM1x Sequence Remixer or CS6x Control Synthesizer) and your sample loops will play back seamlessly in tempo with your sequenced tracks or arpeggiated rhythms.

5 AWESOME EFFECTS BOX

Not just a sampler, the SU200 makes a way-cool effects box, too! Just plug an external audio source, such as a microphone, synthesizer or turntable, into the SU200 and assign the signal to one of its digital effects, or even the **powerful resonant filter**. Using the Effect Control Knobs and Ribbon Controller, you can add dazzling new textures to the audio signal in realtime. The AUDIO IN pad lets you freely bring the external sound in and out of the mix.

- 3 Press the [LOOP REMIX] button.



- 4 Turn Effect Control knob 1 to change the Remix Type, and knob 2 to change the Remix Variation.

Type ----- Controls how the sample is broken up. Turning to the right increases the number of pieces (reducing the size of each piece).

Variation --- Turning the knob to the right increases the amount of reverse playback with the rearranged pieces.



Note: The above explanation is for using **LOOP REMIX** in Loop Track Play mode. Of course, **LOOP REMIX** can also be used in normal pad play mode. In this case, simply press any pad to play back the sample and then tweak the knobs.

Studio Mode — High-Quality (44.1 kHz) Sampling

To ensure the highest possible sound quality when recording to DAT or other type of recording medium, the SU200 provides **44.1 kHz sampling**—up to 42 seconds, as a matter of fact. If you need more sampling time than that, or if you're looking for that lo-fi underground sound, you can record at a lower sampling rate: 22 kHz...11 kHz...or all the way down to a grungy 6 kHz for a massive 333 seconds of sampling time.

Operation Made Easy

Unlike phrase samplers with LED displays (which show just a few characters of information at a time), the SU200 has a **backlit LCD** that displays all your essential information at once. At a glance, you'll know your current pad status, BPM, beat count and more. Plus the SU200's bright, **illuminated red buttons** cut through the darkest of club environments to let you know exactly which pads and functions are currently selected.

WAV File Import/Export

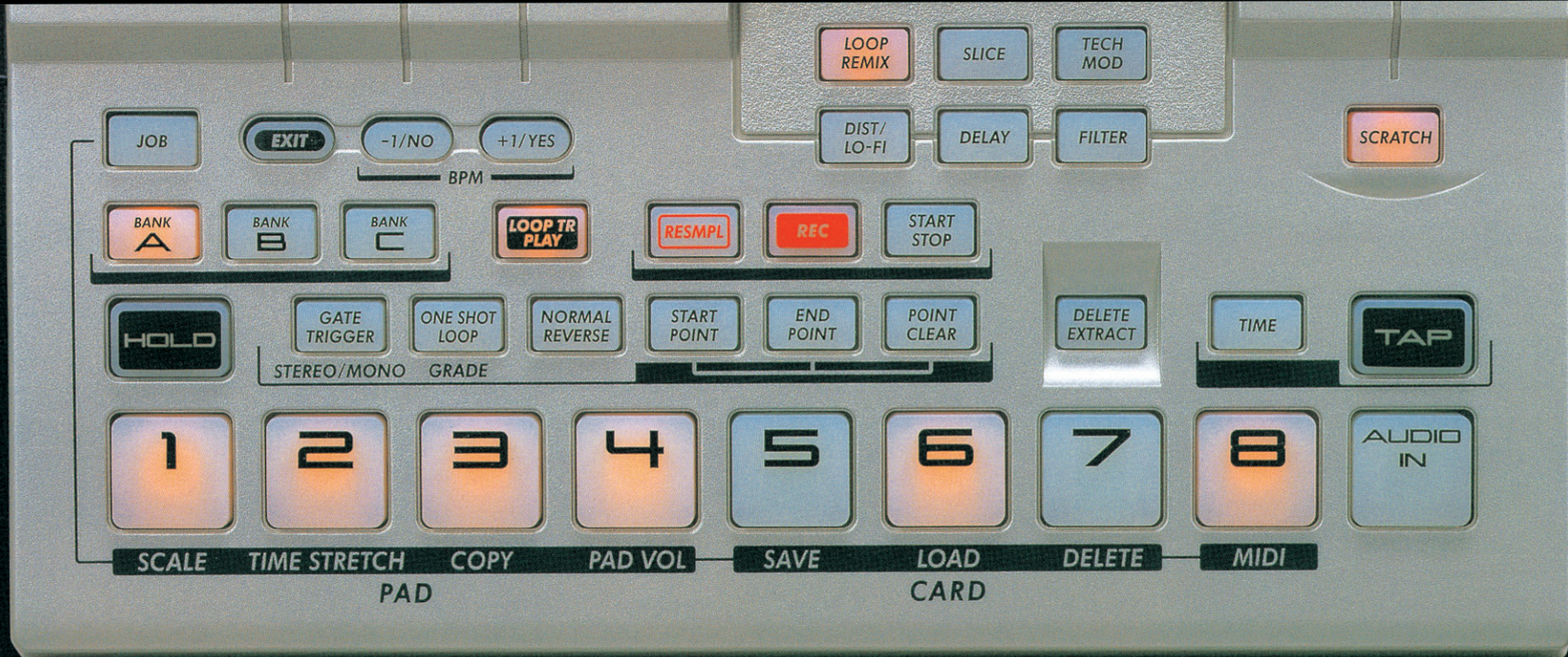
Equipped with a SmartMedia™ slot, the SU200 allows you to **import and export WAV files**, opening up a whole new world of possibilities—use sound files downloaded from the Internet, transfer samples to your computer for editing, exchange samples with friends and more!



Audio Sampling CD Included!

The SU200 is bundled with an audio CD loaded with **cutting-edge beat phrases, drum sounds and bass lines**. All the essential sounds for creating fresh techno and hip-hop tracks packed into one CD.





Lay Down Some Tracks

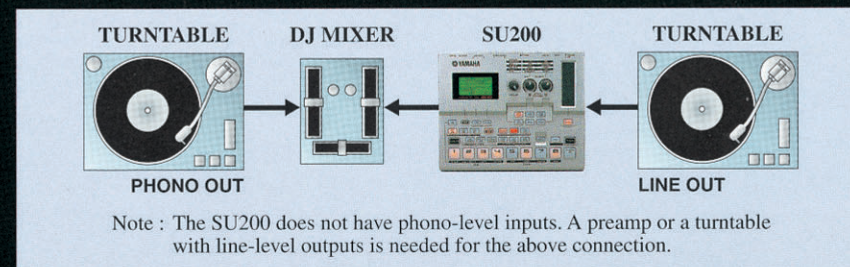
Whether it's your first piece of gear or an addition to your existing MIDI setup, the SU200 with its fantastic remixing features, filter and effects (not to mention ease of operation) is sure to satisfy your creative needs. Sample a CD, a guitar riff, your voice... anything imaginable. Then make it into a loop, or play it straight. **In Loop Track Play mode you can have up to 6 loops automatically sync together in perfect tempo—regardless of their original speed!** As your samples play, you can add effects, tweak the filter, scratch a sample, remix a loop or change the groove. All spontaneously. All in realtime. Best of all, with the Resampling function, all of this madness can be recorded and made into an entirely new sample loop.

Use It Live

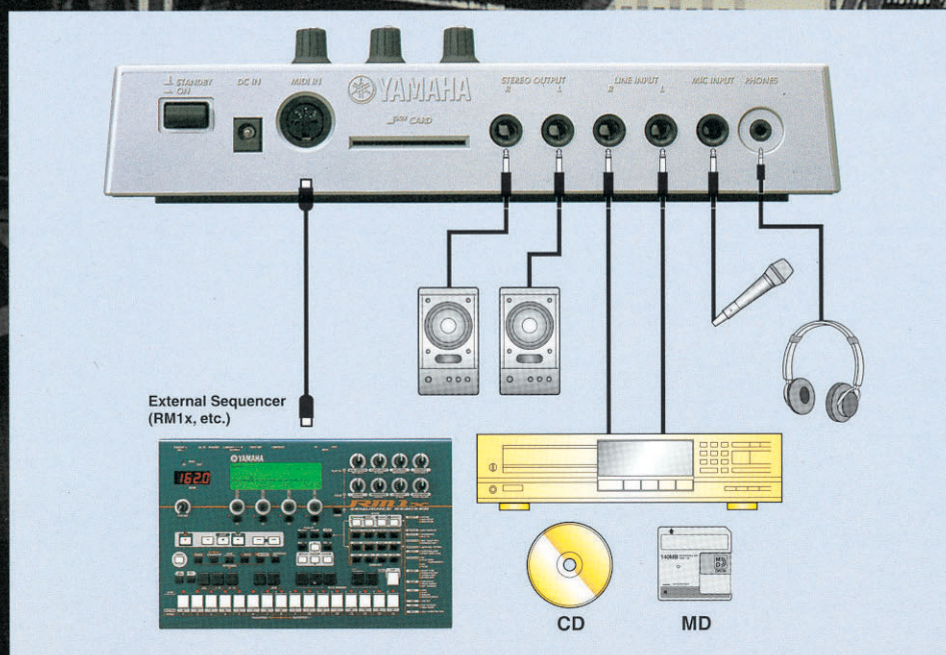
The SU200 makes a wonderful addition to a live setup. Its super compact and lightweight design lets you slip it into a backpack and take it wherever you go—perfect for those of you who like to work with a minimal setup. **Plus it can run on batteries, so you don't have to carry around an AC adapter and plug it in once you arrive at the gig.** Once you take the stage, you can use the SU200's various realtime controls to spontaneously scratch a sample, add cool effects and tweak the resonant filter, livening up your performance like never before.

DJing with the SU200

Integrate the SU200 into your DJ rig and you'll be able to sample loops from vinyl and mix them in on the fly. Just run a line-level signal from a turntable into the SU200's stereo inputs and connect the outputs to your DJ mixer. While the crowd is groovin' to a record on one turntable, you can sample phrases off the other. **Wanna mix in loops that you've already created? No problem. Just tap the [TAP] button to the tempo of the record and voilà—the tempo of the loop instantly matches the record's BPM... without changing pitch.** You can even assign a sample to the Ribbon Controller and scratch it over your mix, or run the record you're spinning through the SU200's resonant filter and digital effects. No matter how you use it, the SU200 is sure to add impact to your performance.



Rear Panel & Connections



Specifications

Maximum polyphony	6 samples (Mono)
Maximum Samples	24 samples (8 pads x 3 banks)
Sampling Frequencies	44.1, 22.05, 11.025, or 5.5125 kHz (Stereo or Mono)
Effects	LOOP REMIX, SLICE, TECHMOD (Tech Modulation), DIST/LO-FI (Distortion with low-pass filter), DELAY, FILTER (Low-pass filter with resonance), SCRATCH, TIME
Loop Track Play	Automatic synchronization of sample loops that are sampled at different speeds
Wave Memory	896 KB
Sampling Time	At 5.5125 kHz, mono: 5 min. 33 sec. At 44.1 kHz, mono: 42 sec. At 44.1 kHz, stereo: 21 sec.
Data Storage	Smart Media™ 3.3V
Display	Backlit custom LCD
Connectors	PHONES, MIC INPUT, LINE INPUT (L & R), STEREO OUTPUT (L & R), 3.3V CARD slot, MIDI IN, DC IN
Power Supply	Six 1.5V AA batteries (R6P or SUM-3) or AC adapter (Yamaha PA-3B)
Dimensions	257(W) × 210(D) × 62(H) [mm]
Weight	830 g
Included Accessories	Audio Sampling CD

*Specifications are subject to change without notice.
SmartMedia is a trademark of Toshiba Corporation.*

SU200 LOOPFACTORY

For details please contact:

Printed on chlorine free (ECF) paper.



ISO9001
JQA-1868



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P.O. Box 1, Hamamatsu, Japan

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