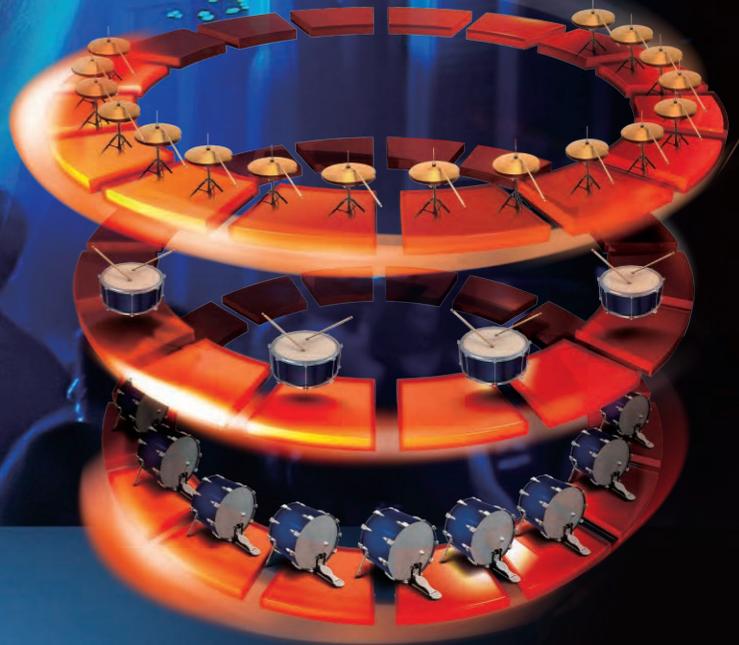




**RC-505 LOOP STATION**

# A New Breed of Loop Station Has Arrived

RC-series Loop Stations have become must-have tools for musical artists around the world, providing the ability to overdub vocals and a variety of instruments to create dynamic, innovative performances in real time. The much-anticipated RC-505 takes the Loop Station to an all-new dimension, with a compact tabletop design and easy fingertip control of five independent loop tracks, powerful effects, and much more. Tap into a fresh style of looping and expand your performances into unexplored creative territory—introducing the latest evolution in BOSS' acclaimed family of loopers, the all-new RC-505 Loop Station.



Deliver explosive and dramatic real-time performances by overdubbing vocals and instruments in your RC-505 loop tracks!



## The BOSS Looper Movement is Red Hot!

At the annual Loop Station World Championship, players from around the planet come together to compete against each other and showcase their unique looping talents.

Check out their highly creative and innovative original performances on the BOSS site!

[www.boss.info/bossloop/](http://www.boss.info/bossloop/)



- For vocalists, vocal percussionists, and human beatboxers
- For guitarists, bassists, and other players of electronic and acoustic instruments
- With five independent loop tracks, the RC-505 opens the door to infinite performance possibilities
- 21 different types of Input FX, plus dedicated Track FX for individual loops
- Simple user interface with intuitive fingertip control

# LOOP STATION RC-505

USB AUDIO ASIO

## Record and overdub unlimited sounds in five independent tracks to create amazing loop performances in real time.

### ► Input FX

With 21 different effects, you can apply powerful input processing to vocals, guitars, and other instruments to build a diverse range of tones in your loops. Chop up sounds with the SLICER effect, and create unique, dramatic textures with effects such as ROBOT, VOCODER, and more. The INPUT FX knob lets you tweak your effects as you record and overdub, and you can assign often-used effects to the A, B, and C buttons for instant one-touch access.

#### ● Types available for both Input FX and Track FX

FILTER	A filter modifies the brightness or thickness of the sound by cutting a specific frequency range.
PHASER	Gives the sound a swishing quality by adding a phase-shifted sound.
FLANGER	Produces a metallic resonance reminiscent of a jet airplane taking off and landing.
SYNTH	Generates a synthesizer sound.
LO-FI	This effect intentionally degrades the sound to create a distinctive character.
GUUITAR TO BASS	Transforms a guitar sound into a bass sound.
TRANSPOSE	Transposes the sound when you turn the FX on.
ROBOT	Cyber-robot voice.
VOCAL DIST	Distortion for vocals.
VOCODER	Vocoder sound that uses the audio input to modulate the sound of the track you specify.
DYNAMICS	Makes the volume more consistent, and produces a more evenly balanced low-frequency range.
EQ	Adjusts the tone as an equalizer.
ISOLATOR	Divides the audio input into three ranges (LO, MID, HI) and cuts the specified region. You can cut in synchronization with the tempo.
OCTAVE	Adds a note one (or two) octave lower, creating a richer sound.
PAN	Moves the stereo position (pan).
SLICER	Repeatedly cuts the sound, transforming a conventional sound to create the impression of a rhythmic backing.
DELAY	Adds a delayed sound to the direct sound, giving the sound greater depth or creating special effects.
TAPE ECHO	A virtual tape echo that produces a realistic tape delay sound.
GRANULAR DELAY	Repeats a short portion of the input sound, giving it a buzzy character or producing the effect of playing a roll.
CHORUS	In this effect, a slightly detuned sound is added to the original sound to add depth and breadth.
REVERB	Adds reverberation to the sound.

### ► Independent Volume Faders

Each track has its own volume fader, making it easy to quickly change the level of any track as you perform.

### ► Loop Indicator

The innovative loop indicator shows you a track's status, loop position, and playback level for instant visual confirmation. The indicator cycles once per bar and flashes in sync with your tempo when you record, providing fluid real-time info while creating loops.

### ► Loop Tracks

● With five independent loop tracks, you can explore an unlimited range of creative options by combining loop lengths, tempo, and play modes in any way you choose. Phrase memories allow you to save 99 different five-track combinations, plus all effects and parameter settings. ● Support for up to three hours of stereo recording. ● Import WAV files from your PC into loop tracks for pre-prepared backing and sampler-style triggering.



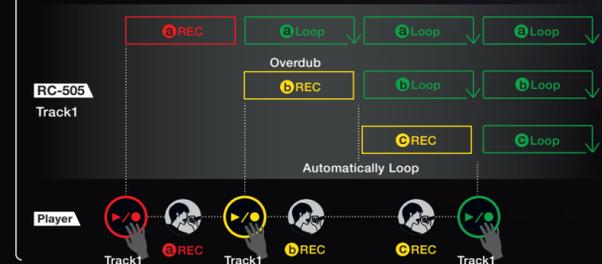
#### Large buttons that are easy to press.

Each track button lights in different colors for record, overdub, and playback states, so you can see its current status at a glance, even on dimly lit stages.

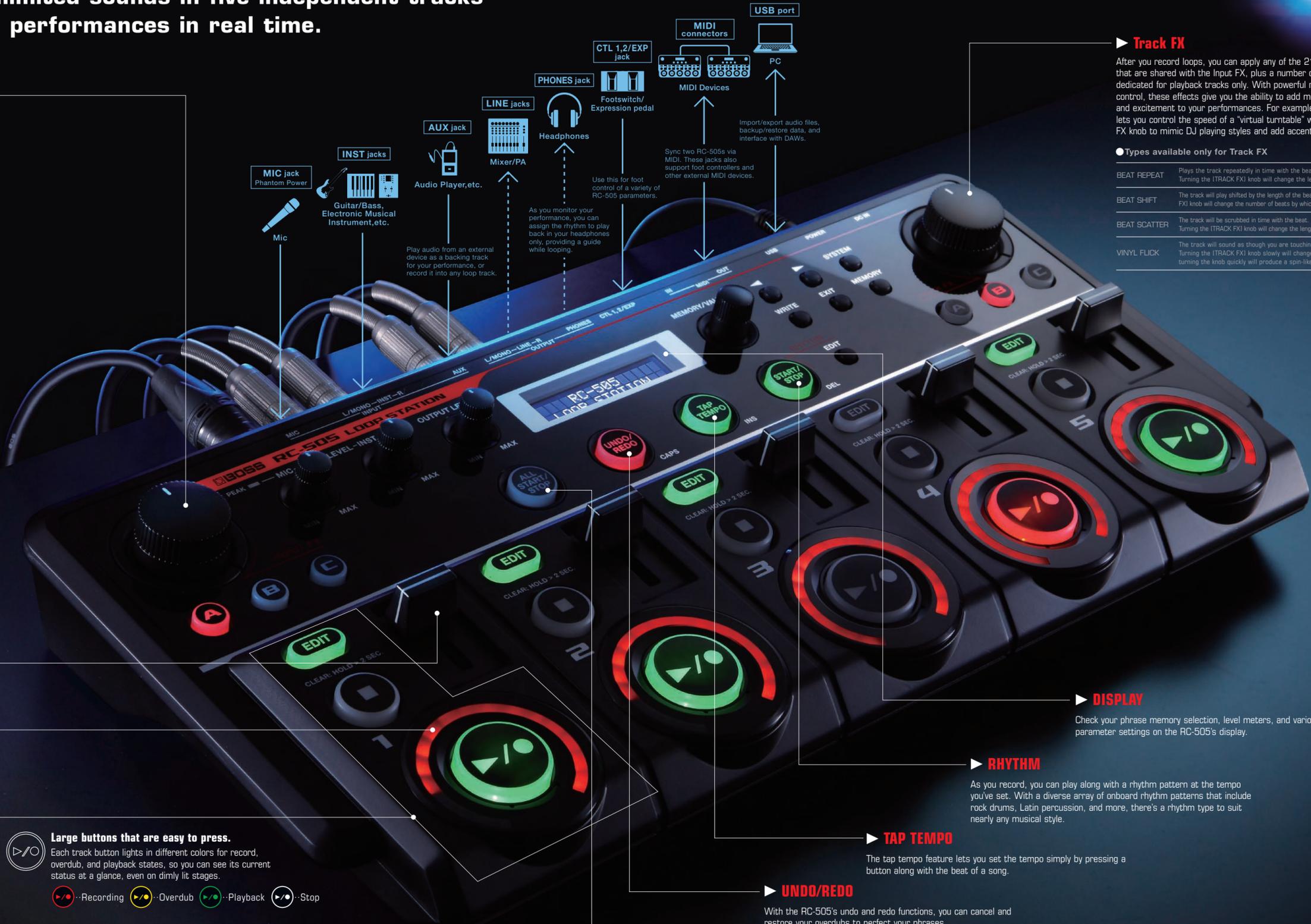
● Recording  
 ● Overdub  
 ● Playback  
 ● Stop

#### Loop Recording Examples

● Record/overdub on a single track... Build complex sound-on-sound phrases using just one track.



● Record to multiple tracks... Capture unique phrases onto different tracks and create complex structures by mixing and manipulating the tracks as you perform.



### ► Track FX

After you record loops, you can apply any of the 21 effects types that are shared with the Input FX, plus a number of unique effects dedicated for playback tracks only. With powerful real-time control, these effects give you the ability to add more expression and excitement to your performances. For example, VINYL FLICK lets you control the speed of a "virtual turntable" with the TRACK FX knob to mimic DJ playing styles and add accents to your loops.

#### ● Types available only for Track FX

BEAT REPEAT	Plays the track repeatedly in time with the beat. Turning the (TRACK FX) knob will change the length of the repeat.
BEAT SHIFT	The track will play shifted by the length of the beat. Turning the (TRACK FX) knob will change the number of beats by which playback is shifted.
BEAT SCATTER	The track will be scrubbed in time with the beat. Turning the (TRACK FX) knob will change the length that is scrubbed.
VINYL FLICK	The track will sound as though you are touching the turntable. Turning the (TRACK FX) knob slowly will change the playback speed; turning the knob quickly will produce a spin-like effect.

### ► DISPLAY

Check your phrase memory selection, level meters, and various parameter settings on the RC-505's display.

### ► RHYTHM

As you record, you can play along with a rhythm pattern at the tempo you've set. With a diverse array of onboard rhythm patterns that include rock drums, Latin percussion, and more, there's a rhythm type to suit nearly any musical style.

### ► TAP TEMPO

The tap tempo feature lets you set the tempo simply by pressing a button along with the beat of a song.

### ► UNDO/REDO

With the RC-505's undo and redo functions, you can cancel and restore your overdubs to perfect your phrases.

### ► ALL START/STOP

Start or stop all tracks at once using a single button to add dynamic elements, such as inserting breaks in a song.



Rear Panel

## Specifications

<b>Nominal Input Level</b>	INPUT MIC (variable): -40 dBu (typ.), -10 dBu (max) INPUT INST (variable): -10 dBu (typ.), +4 dBu (max) INPUT AUX: -20 dBu
<b>Input Impedance</b>	INPUT MIC: 4 k ohms, INPUT INST: 200 k ohms, INPUT AUX: 22 k ohms
<b>Nominal Output Level</b>	LINE OUT: -10 dBu
<b>Output Impedance</b>	LINE OUT: 2 k ohms
<b>Recommended Load Impedance</b>	LINE OUT: 10 k ohms or greater
<b>Recording/Playback</b>	Maximum Recording Time: Approx. 3 hours (stereo) Maximum Phrase Memory: 99 Number of Tracks: 5 Data Format: WAV (44.1 kHz, 16-bit linear, stereo)
<b>Effect Type</b>	INPUT FX/TRACK FX FILTER, PHASER, FLANGER, SYNTH, LO-FI, GUITAR TO BASS, TRANSPOSE, ROBOT, VOCAL DIST, VOCODER, COMP, EQ, ISOLATOR, OCTAVE, PAN, SLICER, DELAY, TAPE ECHO, GRANULAR DELAY, CHORUS, REVERB, BEAT REPEAT *, BEAT SHIFT *, BEAT SCATTER *, VINYL FLICK * *1 TRACK FX only MASTER FX COMP, REVERB

<b>Rhythm Type</b>	85
<b>Display</b>	16 characters, 2 lines (backlit LCD)
<b>USB</b>	Mass Storage Class, Audio/MIDI
<b>Connectors</b>	INPUT MIC jack: XLR type (balanced, phantom power: DC 48 V, 10 mA Max) INPUT INST (L/MONO, R) jacks: 1/4-inch phone type INPUT AUX jack: Stereo miniature phone type PHONES jack: 1/4-inch Stereo phone type LINE OUTPUT (L/MONO, R) jacks: 1/4-inch Stereo phone type CTL 1, 2/EXP jack: 1/4-inch TRS phone type USB port: USB Type B MIDI (IN, OUT) connectors DC IN jack
<b>Power Supply</b>	AC adaptor
<b>Current Draw</b>	420 mA
<b>Dimensions</b>	420 (W) x 210 (D) x 66 (H) mm 16-9/16 (W) x 8-5/16 (D) x 2-11/16 (H) inches
<b>Weight</b>	1.4 kg / 3 lbs 2 oz
<b>Accessories</b>	AC adaptor, Owner's manual

\* 0 dBu = 0.775 Vrms

## Accelerate your creativity with a BOSS Loop Station!

### Loop Station RC-300

USB AUDIO

#### The Triple-Stereo Mega Looper

- Up to three hours of stereo recording and 99 onboard memories
- Three stereo tracks with dedicated footswitches and controls for each
- Three dedicated fader per track
- 16 onboard effects optimized for looping
- Expression pedal for effects control in real time



### Loop Station RC-30

USB

#### Stereo 2-Track Looper with Effects and Support for Battery Power

- Up to three hours of stereo recording time and 99 onboard memory phrases
- Two synchronized stereo tracks with true stereo I/O
- USB port allows you to connect to a PC and import/export WAV audio
- Built-in effects for processing loops



### Loop Station RC-3

USB

#### State-of-the-Art Looper in a Compact Body

- Compact and powerful stereo stompbox looper
- Up to three hours of stereo recording time and 99 onboard memory phrases
- USB port allows you to connect to a PC and import/export WAV audio



**BOSS**  
www.boss.info

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## Options

Footswitch  
**FS-5U**



Dual Footswitch  
**FS-6**



Stereo Headphones  
**RH-300**  
Roland



Dynamic Microphone  
**DR-50**  
Roland



Expression Pedal  
**EV-5**  
Roland



Foot Volume  
**FV-500L**



Foot Volume  
**FV-500H**

