

R20 Control Version 1.0

Operation Manual



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Proper display is not possible on grayscale devices.

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Introduction

R20 Control is a remote control application specifically designed for the ZOOM R20 MultiTrak. This app enables an iPad to be used to conduct R20 operations, including creating and editing patch memories, managing banks and patch memories, and adjusting system settings. This manual does not explain operation of the R20 itself. Refer to the R20 Operation Manual for detailed information about all its functions.

Support for visual impairments with accessibility functions

R20 Control supports iPad VoiceOver and VoiceOver gestures. With iPad VoiceOver enabled, people with visual impairments can use this app to operate the R20.

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Installing R20 Control

- **1.** Open the App Store on the iPad and search for "R20 Control".
- 2. Tap "GET" on the R20 Control screen. This will install R20 Control on the device.



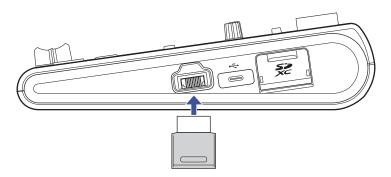
Connecting with an R20

NOTE

• To control an R20 remotely from an iPad, a ZOOM BTA-1 Bluetooth adapter (sold separately) must be installed.



1. Connect a BTA-1 or other dedicated wireless adapter.



2. Start the R20.

After starting up, the BTA-1 will be initialized and its indicator will blink.

NOTE

• If the indicator on the connected BTA-1 is unlit, the Bluetooth function on the R20 has been disabled. Use Project Settings > Bluetooth to enable the Bluetooth function.

3. Launch the R20 Control app on the iPad.

		Projects			
		DEVICES			
		L-20_057111CAEFDC Input/Output	Off	line	
		R20_15ED6AC39810 Input/Output	Not Connec	cted	
		R20_6E45AD62EB48 Input/Output	Off	line	
		c	Close		
G.	+ NEW			A ₹↓ G	• ©

The Bluetooth device list will open in R20 Control. If this does not open, tap **4**. Tap the device name/ID on the iPad to connect it.



"Connected" will appear when connection completes.

Tap "Close" to close the Bluetooth device list and open the Project Screen.

		Projects	Templates		
G.	+ NEW			<mark>≜</mark> ∔ ©∔	٢

NOTE

• If connection is not successful, move the device closer to the recorder or move both to a place where nothing interferes with radio waves and start R20 Control again.

Project Screen

Use this screen to manage projects.

Projects				
1-		Projects Templates		
2-	ZOOM0001 ZOOM0002			
	ZOOM0003 ZOOM0004			
3-			[:] e+] [©]	-6
٢				٢
	4		5	

1 Projects/Templates buttons

Use these to switch between showing project and template lists.

2 Project list

Tap any project to open it.

Touch one continuously to open the project options menu.

	Projects T	emplates	
ZOOM0001			
	Rename	/	
	Duplicate	(±	
	Information	i	
	Delete	Ŵ	

3 6 Bluetooth device list button

This opens the Bluetooth device list.

- (4) + NEW New project button
- 5 A I OI Sort buttons

∠ I List projects in name order

• List projects in date order

6 System settings button

This opens the System Settings Screen.

Templates

		Projects Templates	
	Rock		2)
	R&B		
	Electronic		
	Нір Нор		
(1) —	Percussion		
0	Funk		
	Disco		
	Blues		
	Standard		
		~	
	C.	Ø	

1 Template list

Use any template to create a project.

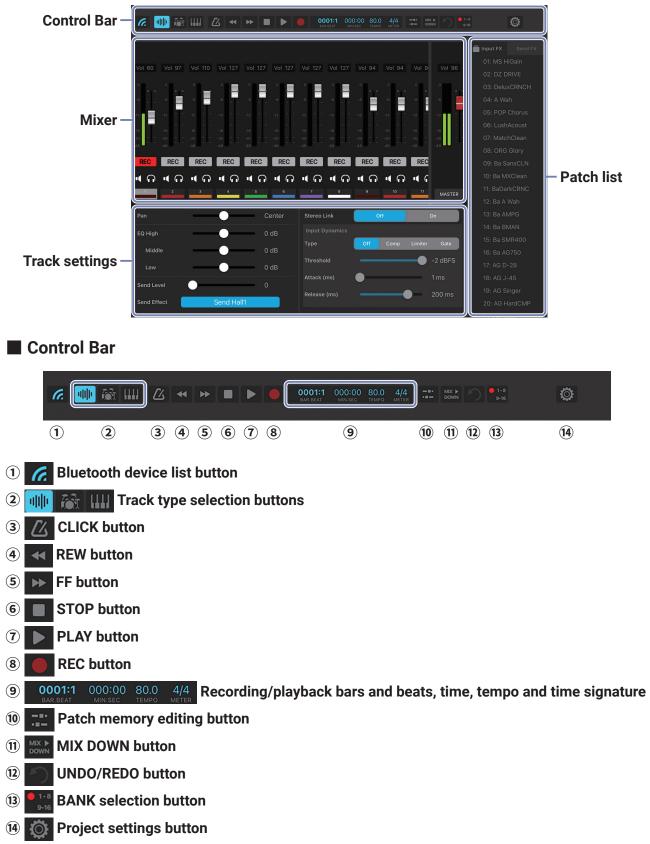
2 Detailed settings button

Tap this to open the Detailed Settings Screen. Projects can be made after setting the bit depth.



Mixer Screen

The Mixer Screen will appear after a new project is created or an existing project is opened. Operation is in the same manner as with the R20 itself. See the R20 Operation Manual for details about operation.



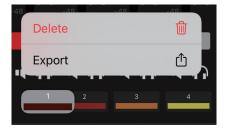




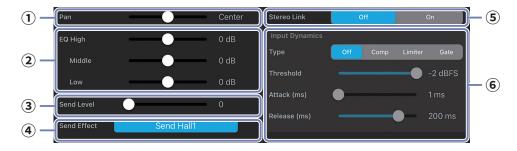
- 1 Channel faders
- **2** MASTER fader
- **③ Rec/Mute/Solo buttons**

④ Track numbers

Tap these to select tracks. Touch one continuously to open the track options menu.

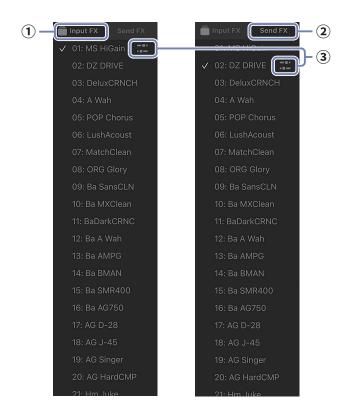


Track settings



- 1 Pan
- **2** EQ
- **3** Send Level
- (4) Send Effect
- **5** Stereo Link
- **6** Input Dynamics





1 Input FX page

To apply an effect to a track, first select that track. Then, select a patch memory on the Input FX page.

A \checkmark check mark will appear next to the selected patch memory.

2 Send FX page

А

To use a send effect, select a patch memory on the Send FX page.

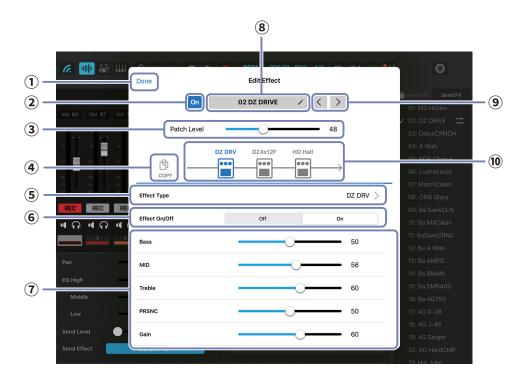
check mark will appear next to the selected patch memory.

3 Patch memory editing button

This opens the Edit Effect Screen.

The 📰 button in the Control Bar can also be used to open the Edit Effect Screen.

Edit Effect Screen



1 Close Edit Effect Screen

2 Patch memory On/Off button

3 Adjust patch memory volume

④ Copy button

Use this to copy the patch memory being used to another patch memory.

(5) Change the effect

Use this to change the selected effect.

6 Turn the effect on/off This turns the selected effect on/off.

7 Effect parameters

The parameters of the selected effect can be edited.

- **8** Patch memory name editing button
- (9) Select previous/next patch memory

10 Effects being used

Tap these to adjust the parameters of the individual effects.

Making project settings

1. Tap 🔯 in the Control Bar.



This opens the Project Settings Screen.

See the R20 Operation Manual for details about operation.

Vol 60 Vol Vol 60 Vol Project S Click Off Precount Off Bell Click Precount Off Both Bell Click Output Level	- 💷 🦝 📖		00011 000:00 80.0 (
Vol 60 Vol Tempo + Time Signature 3/4 3/4 4/4 6/8 Click Orf Orf On Precount Off Sound Bell Level for Phones 80 Level for Output 80 Snap Off Output Level 100		Done	Project Settings	
Vol 60 Vol Tempo + Time Signature 3/4 3/4 4/4 6/8 Click Orf Orf On Precount Off Sound Bell Level for Phones 80 Level for Output 80 Snap Off Output Level 100				
Tempo Time Signature 3/4 4/4 6/8 Click Orf Precount Orf Sound Bell Click Stick Cowbell Hi-Q Level for Phones Snap Output Level 100	50 Vol 60 Vol	Projects	Clos	e Project
REC R Image: Signature 3/4 1 Gick Orf On Precount Off Sound Beil Click Sound Beil Click Sound Beil Click Sound Beil Click Sound Beil Click Stick Cowbell Hi-Q Level for Phones 80 Level for Output 80 Snap Off Output Level 100			- -	
REC RE Click Off Precount Off Sound Bell Click Stick Comparison Sound Bell Click Sound Bell Click On Sound Bell Click Stick Comparison Sound Bell Click Stick Comparison Output Stick Output Level 100			÷ -0	80.0
REC REC Precount Off Sound Bell Click Stick Cowbell Hi-Q Level for Phones 80 Level for Output 80 Snap Off Output Level 100		Time Signature	3/4 4/4	6/8
REC RE Precount Off Sound Bell Click Stick Combell Hi-Q Level for Phones 80 Level for Output 80 Snap Off Output Level 100	-12 -12		41	010
REC RE Image: Constraint of the state		Click	Off	On
REC RE Sound Bell Click Stick Cowbell Hi-Q Level for Phones 80 Level for Output 80 Snap Off Output Level 100				
2 2 2 <td>RECRE</td> <td>Precount</td> <td>Off</td> <td>On</td>	RECRE	Precount	Off	On
2 2 2 <td></td> <td></td> <td></td> <td></td>				
ch ch ch ch ch ch ch ch ch ch		Sound	Bell Click Stick	Cowbell Hi-Q
ch ch ch ch ch ch ch ch ch ch		Level for Phones		80
ddle Snap Off On W Output Level 100	_			0
kdle Snap Off On evel Output Level 100		Level for Output		80
W Output Level 100				-
Level Output Level 100	iddle	Snap	Off	On
	w			
	Level	Output Level		<u> </u>
Effect	_	Developing		×
	Effect	Kenderina		>

Project Settings

Done	Project Settings
Projects	Close Project
Тетро —	+ - 80.0
Time Signature	3/4 4/4 6/8
Click	Off On
Precount	Off On
Sound	Bell Click Stick Cowbell Hi-Q
Level for Phones	80
Level for Output	80
Snap	Off On
Output Level	100
Rendering	\ \

)

Done

This closes the project settings.

Projects (

Close Project

This closes the project.

Tempo

This changes the tempo.

Time Signature

This sets the time signature.

Click

This turns the metronome on/off.

Precount

This turns the precount on/off.

Sound

This changes the metronome sound.

Level for Phones

This adjusts the metronome volume for the PHONES output jack.

Level for Output

This adjusts the metronome volume for the OUTPUT jacks.

Snap

This turns the snap function on/off.

Output Level

This adjusts the project volume.

Rendering

This renders the project as a WAV file. When operating with R20 Control, projects can only be rendered to SD cards.

USB MIDI Keyboard

This turns the USB MIDI keyboard function on/off.

Making unit settings

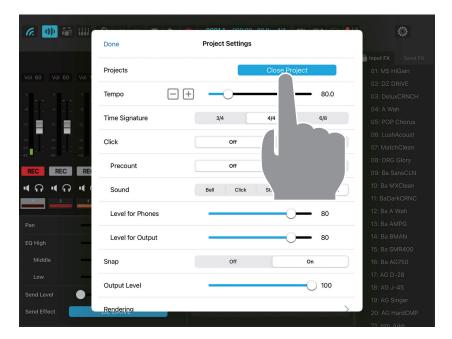
1. Tap 🔯 in the Control Bar.



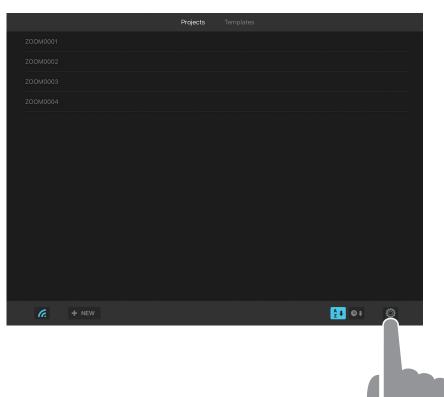
2. Tap

Close Project

to return to the Project Screen.



3. Tap 🔘 .



This opens the System Settings Screen.

See the R20 Operation Manual for details about operation.

(When an R20 is connected to R20 Control, its audio interface and Guitar Lab connection functions cannot be used.)

		Projects Templates		
ZOOM0001	Done	System Settings		
ZOOM0002	Date/Time	Set	t Date and Time	
ZOOM0003 ZOOM0004	LCD Brightness		20	
	Auto Power Off	Off	On	
	USB MIDI Keyboard	Off	On	
	SD Card		>	
	Firmware Version		>	
	App Version		1.0 (63)	
<i>6.</i> + N	EW		Ž 🖡	e+ ©

System Settings Screen

LCD Brightness 20 Auto Power Off 0rf 0n USB MIDI Keyboard 0rf 0n SD Card	LCD Brightness 20 Auto Power Off 0rf 0n USB MIDI Keyboard 0rf 0n SD Card > Firmware Version >	Done	System Settings	
Auto Power Off Orf On USB MIDI Keyboard Off On SD Card	Auto Power Off Off On On USB MIDI Keyboard Off On SD Card SD Card SF Straware Version ST Card ST	Date/Time	Set Date	e and Time
USB MIDI Keyboard Off On	USB MIDI Keyboard off on SD Card >	LCD Brightness		20
SD Card	SD Card >	Auto Power Off	Off	On
	Firmware Version >	USB MIDI Keyboard	Off	On
Firmware Version	,	SD Card		>
	App Version 1.0 (63)	Firmware Version		>
App Version 1.0 (63)		App Version		1.0 (63)

)

Done

This closes the System Settings Screen.

Date/Time (

Set Date and Time

This opens the date and time setting screen. Tapping "Done" applies the setting to the R20.

		Projects	Tem	plates	
ZOOM0001	Cancel	Date/	Time		Done
ZOOM0002					
ZOOM0003		Fri Sep 2	13	16	
ZOOM0004		Sat Sep 3 Sun Sep 4	14 15	16 17	
ZOOM0005		Mon Sep 5 Tue Sep 6	16 17	18 19	
70.0140.000		Today	18	20	
ZOOM0006		Thu Sep 8	19	21	
ZOOM0007		Fri Sep 9	20	22	
		Sat Sep 10	21	23	
ZOOM0008		Sun Sep 11 Mon Sep 12	22	24 25	
ZOOM0009					
	Time Format	mm/dd/y	у	dd/mm/yy	yy/mm/dd
C.	+ NEW				2 + O+ Ø

LCD Brightness

This adjusts that brightness of the R20 screen.

Auto Power Off

This turns the Auto Power Off function on/off.

USB MIDI Keyboard

This turns the USB MIDI keyboard function on/off.

SD Card

The SD card can be tested and formatted, and SD card reader mode can be used.

Firmware Version

The firmware versions of the R20 can be checked.

App Version

This shows the R20 Control version.



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