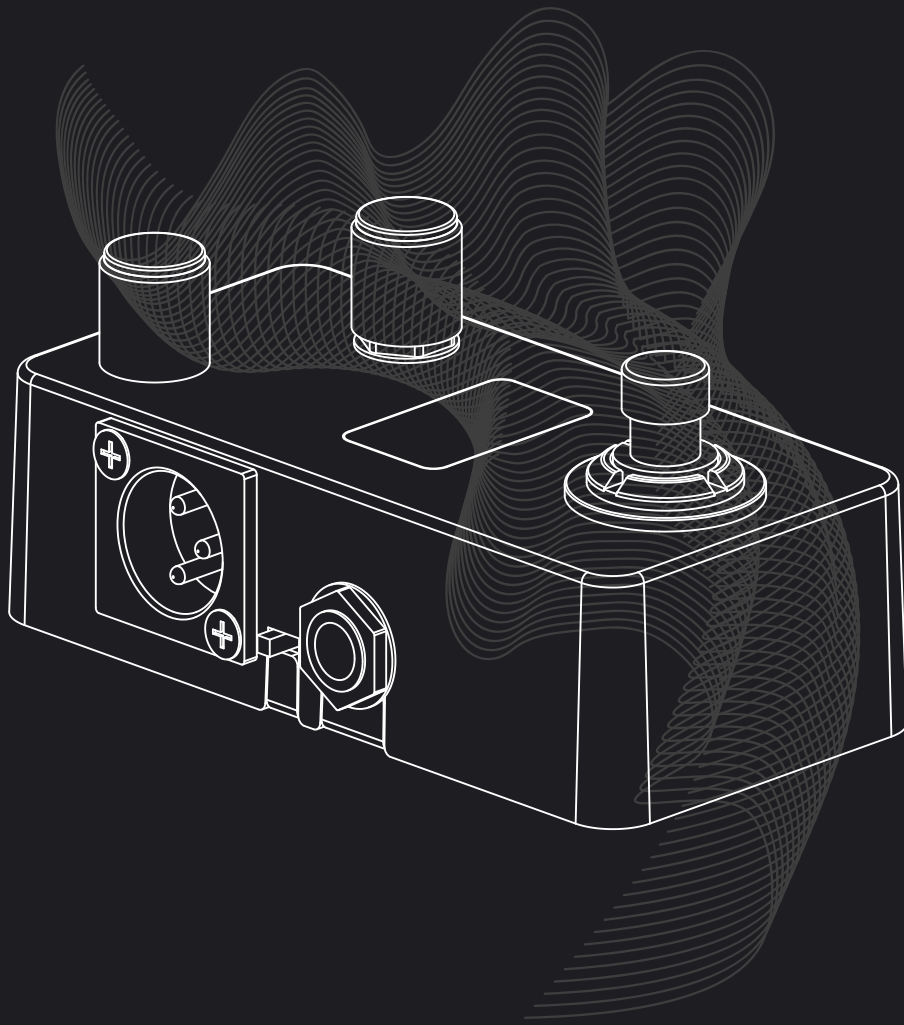


# OMNI IR

## Owner's Manual



**HOTONE**  
DESIGN INSPIRATION

The contents of this manual are subject to change without notice.

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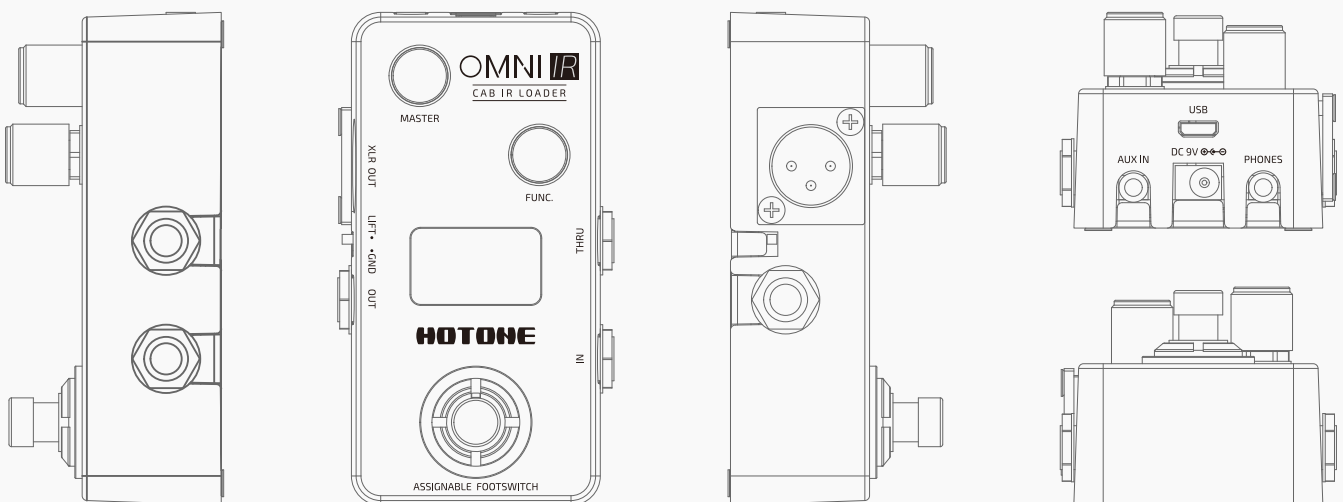
# Welcome

Thank you for purchasing a Hotone product.  
Please read this manual carefully to get the most out of your Omni IR.  
Please keep this manual in a safe place to use for further reference.

The Omni IR is a compact-sized, Impulse Response based cabinet simulator delivering organic, precise guitar/bass cabinet sounds. An internal voltage boost circuit provides tons of headroom, a clear, detailed OLED screen lets you get set up quickly, and variable I/O makes it perfect for any live or recording scenario.

## Features

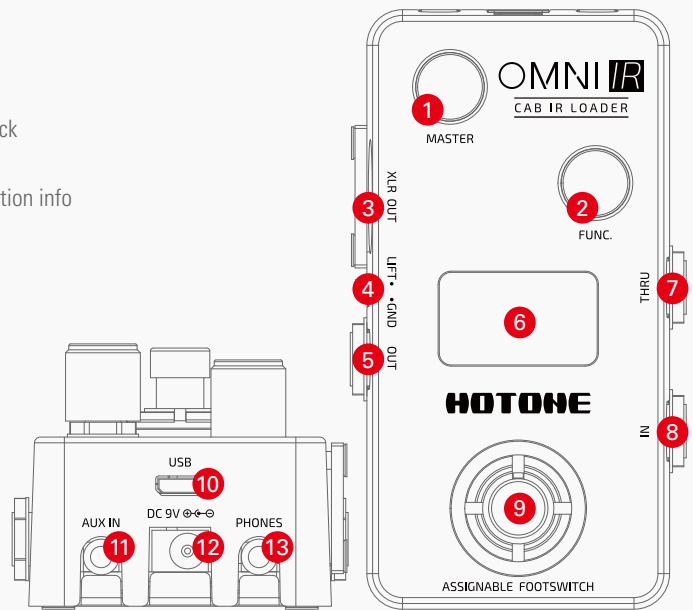
- ✦ Compact, easy-to-use IR loader pedal
- ✦ Advanced DSP platform with high quality 24-bit A/D/A conversion and great dynamic response
- ✦ Internal voltage boost circuit for great headroom with standard 9V DC power supply
- ✦ 40 high quality legendary guitar/bass cabinet IRs
- ✦ Detailed 4-band EQ with flexible frequency range and 12dB max. boost/cut
- ✦ Supports 3rd party IR files
- ✦ USB jack for firmware updating, loading/managing IRs with free PC/Mac software
- ✦ Aux In and headphone output for practicing and jamming
- ✦ 40 Presets
- ✦ Built-in hi-res OLED screen
- ✦ Assignable footswitch with LED
- ✦ 9V DC power supply



# Panel Introduction

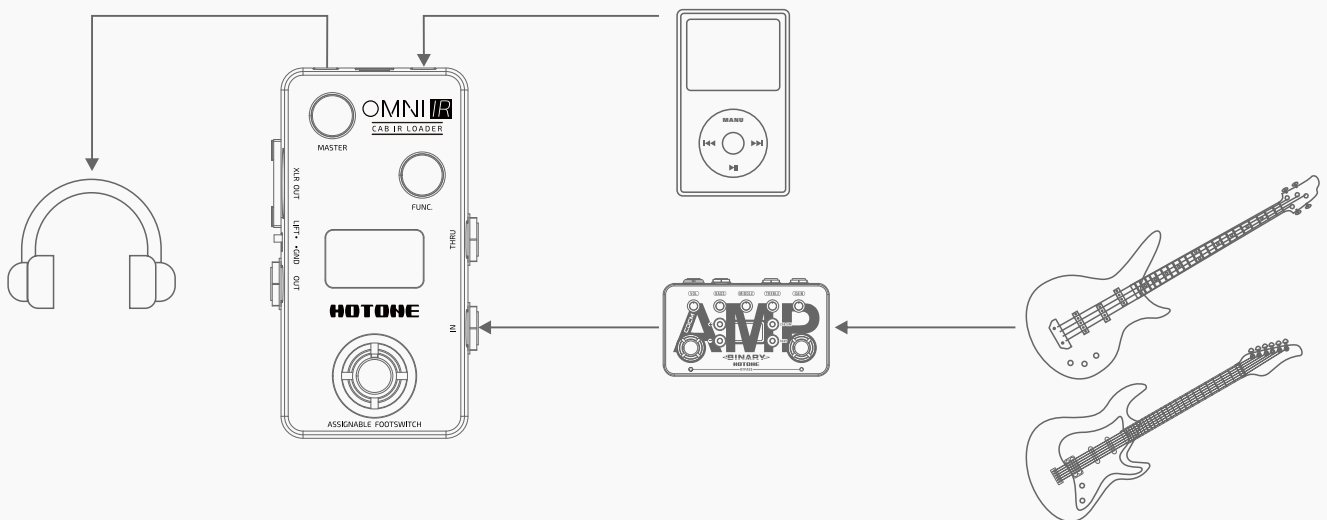
- 1. **MASTER:** Controls the overall output
- 2. **FUNC. :** For switching presets/IRs, editing presets, saving, etc.
- 3. **XLR OUT:** Feeds balanced signal to mixers, interfaces, etc.
- 4. **LIFT/GND:** Switch to LIFT position to lift the ground wire of XLR OUT jack
- 5. **OUT:** Unbalanced output jack
- 6. **OLED SCREEN:** Shows preset numbers, setting values and other operation info
- 7. **THRU:** Feeds unprocessed dry signal to other devices or reamping
- 8. **IN:** For plugging in instruments or other effects
- 9. **ASSIGNABLE FOOTSWITCH**

- 10. **USB:** Micro USB jack for connecting to computer
- 11. **AUX IN:** Stereo aux in jack for connecting audio players (won't be affected by Omni IR)
- 12. **DC 9V:** Plug in your power supply here (DC 9V, center egative)
- 13. **PHONES:** Stereo headphones jack



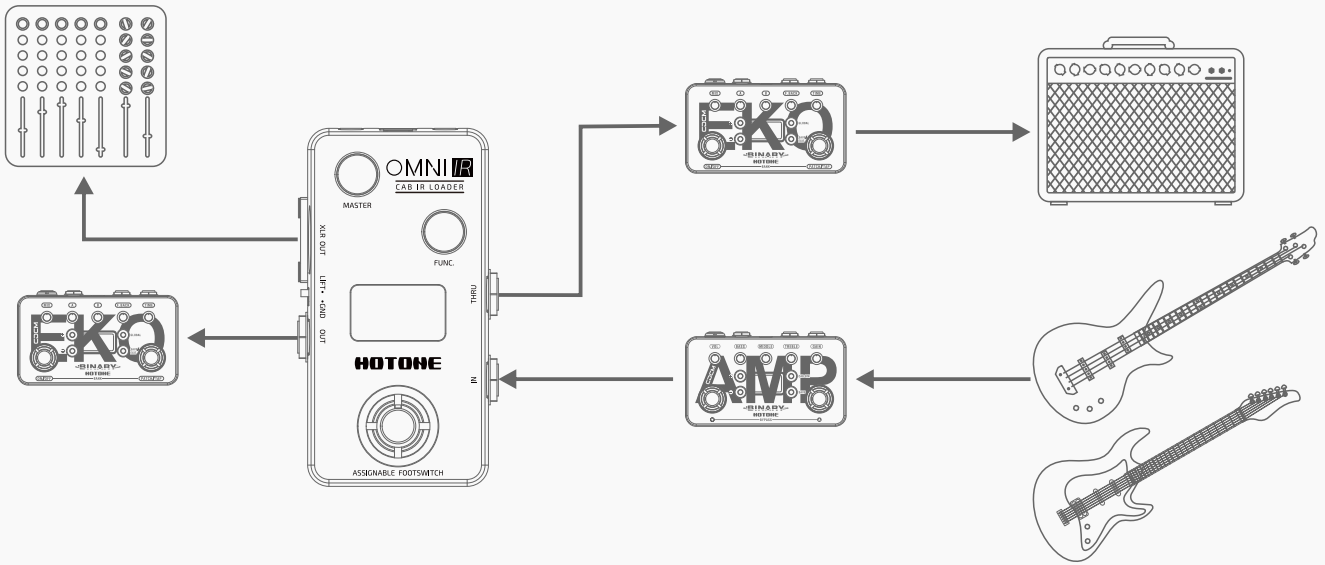
# Connections

## •For practicing/jamming

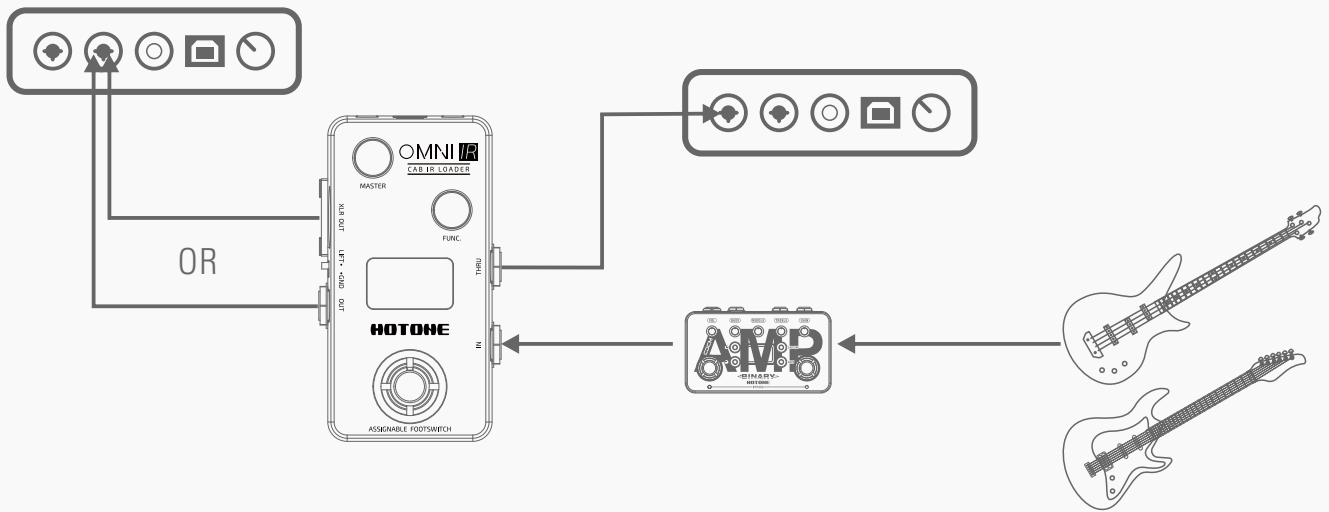


# Connections

## •For live performance



## •For reamping

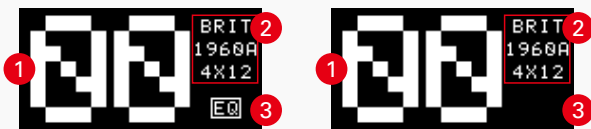


Note:

Always mute the mixer/audio interface or turn down the volume knob on your amp before plugging or unplugging power jacks, cables, etc. This will reduce the chance of hearing/device damage.

# Main Display

The Main Display will come up as shown below after you plug in your power supply:



- 1- Current preset number, Omni IR supports 40 presets ranging from 00 to 39
- 2- Indicates the IR name you're using in current preset
- 3- Shows only when the EQ is on

## Select a Preset

In Main Display, turn the FUNC. knob to change presets. Turn the knob clockwise to cycle through presets in the order of 00, 02, 03, ..., 39 then 00. Turn the knob counterclockwise to change presets in the opposite order.



## Bypass/Mute (default setting)

To set the unit to bypass: tap the footswitch. "BYPASS" will appear on the screen. Tap the footswitch again to go back to normal.



To set the unit to mute: hold the footswitch until "MUTE" appears on the screen. Hold the footswitch again to go back to normal.



Note:

- 1. In bypass/mute status, the LED halo will go out.
- 2. AUX IN will not be affected in mute status.

## Edit

### 1. Select a different IR file

In Main Display, press the FUNC. knob to enter IR Select menu. The screen will come up as shown below:

Turn the FUNC. to select an IR file. The file name will be inverted.



# Edit

## 2. Edit detailed parameters

In IR select menu, press the FUNC. knob to enter Edit Menu. The screen will come up as shown below:

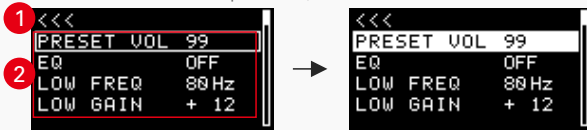


Turn the FUNC. knob to move the cursor on EDIT PRESET, then press FUNC. knob to enter Preset Edit Menu:



### Preset Edit Menu:

- 1-Return to previous menu
- 2-Indicates current cursor position (the PRESET VOL is now selected).



In this menu, turn FUNC. knob to select a parameter (hollow cursor) or edit parameters (solid cursor), press the FUNC. knob to confirm selection/finish editing.

All available parameters are shown below:

- (1) PRESET VOL: Controls the current preset volume
- (2) EQ: Switches the EQ on/off
- (3) LOW FREQ: Controls the EQ low frequency range
- (4) LOW GAIN: Controls the EQ low frequency boost/cut amount
- (5) MID FREQ: Controls the EQ mid frequency range
- (6) MID GAIN: Controls the EQ mid frequency boost/cut amount
- (7) HIGH FREQ: Controls the EQ high frequency range
- (8) HIGH GAIN: Controls the EQ high frequency boost/cut amount
- (9) PRES FREQ: Controls the EQ presence range
- (10) PRES GAIN: Controls the EQ presence boost/cut amount
- (11) SAVE: Enter Save Menu

The EQ frequency and boost/cut range are shown below:

BAND	FREQ range	GAIN range
LOW	50Hz-500Hz measured by 10Hz	-12-0--+12(dB)
MID	500Hz-1kHz measured by 10Hz	-12-0--+12(dB)
HIGH	1kHz-5kHz measured by 0.1kHz	-12-0--+12(dB)
PRES	5kHz-16kHz measured by 0.1kHz	-12-0--+12(dB)

# Save

To enter Save Menu, select SAVE in Preset Edit Menu or hold FUNC. knob in IR Select menu. The screen will come up as shown below:



Turn FUNC. knob to choose a location. Press the FUNC. knob to confirm saving.  
Press the footswitch to cancel saving.

# Assign Footswitch Function

In Edit Menu, select FS FUNCTION to enter Footswitch Function Assign Menu. The screen will come up as shown below:



You can assign 2 different functions to FS TAP (tap the footswitch) and FS HOLD (hold the footswitch):

- MUTE
- BYPASS
- PRESET +
- PRESET –

The functions cannot be same.

## Software

Connect Omni IR to your computer and access the free software to manage your Omni IR device, adjust tonal settings, update firmware, restore settings, and upload third party IR files. Omni software is compatible with Windows and macOS platforms.

Log on to [www.hotoneaudio.com/support](http://www.hotoneaudio.com/support) to download the free software--it's easy to install and comes with a software user manual.

## Factory IR files list\*

PRESET	OMNI IR NAME	BASED ON	MIC TYPE	SPEAKER
4X12 Cabinet				
0	BRIT 60A 4x12	Marshall 1960A* 4x12	Shure SM57*	4x12
1	BRIT 60B 4x12	Marshall 1960B* 4x12	Royer R121*	4x12
2	FLY BOY 4X12	Boutique UK-style 4x12 cabinet	Neumann U87*	4x12
3	JUIC M25 4x12	Orange PPC412*	Shure SM57*	4x12
4	EGNL PRO 4x12	Engl Pro* 4x12	Shure SM57*	4x12
5	GVH5153 4x12	EVH 5150 III* 4x12	Gefell UMT70S*	4x12
6	DIZZRLD 4x12	Diezel* 4x12	Royer R121*	4x12
7	MES STAT 4x12	Mesa/Boogie Standard* 4x12	Shure SM57*	4x12
8	RDL XL 4x12	Randall RS412XLT* 4x12	Shure SM57*	4x12
9	EC ELCT 4x12	4x12 cabinet with Electro-Voice EVM-12L* speakers	Shure SM57*	4x12
10	BGR STAD 4x12	Bogner* 4x12	Beyerdynamic M160*	4x12
11	MES TDST 4x12	Mesa/Boogie Traditional* 4x12	Shure SM57*	4x12
12	BRIT 60TV 4X12	Marshall 1960TV* 4x12	Shure SM57*	4x12
13	MES SRF 4x12	Mesa/Boogie Rectifier* 4x12	Sennheiser MD421*	4x12
2X12 Cabinet				
14	ZIDA TWIN 2x12	Selmer Zodiac* 2x12	Royer R121*	2x12
15	TR 65 2x12	Two-Rock* 2x12	Royer R121*	2x12
16	US 65TW 2x12	Fender 65 Twin Reverb* 2x12	Shure SM57*	2x12
17	BOST ZC30 2x12	Vox AC30* 2x12	Sennheiser E609*	2x12
18	MES RF 2x12	Celestion G12H* loaded Mesa/Boogie* cabinet	Shure SM57*	2x12
19	JUIC PPC 2x12	Orange PPC212*	Royer R121*	2x12

\* The Manufacturers and product names mentioned above are trademarks or registered trademarks of their respective owners. The trademarks were used merely to identify the sound character of the products.



# Factory IR files list\*

PRESET	OMNI IR NAME	BASED ON	MIC TYPE	
2X12 Cabinet				
20	BRIT 66B 2x12	Marshall 1966B* 2x12	Royer R121*	2x12
21	US STDO 2X12	1980s Mesa/Boogie* 2x12 cabinet	Shure SM57*	2x12
22	BGR SVA 2x12	Bogner Shiva* 2x12	Shure SM57*	2x12
23	MESH RC2x12	Mesa/Boogie Rectifier* 2x12	AKG C414*	2x12
1x12 & 1x10 Cabinet				
24	DELX VERB 1x12	Fender Deluxe Reverb* 1x12	Shure SM57*	1x12
25	US CHAP 1x12	Fender Champ* 1x12	Shure SM57*	1x12
26	BRIT 74CX 1x12	Marshall 1974CX* 1x12	Beyerdynamic M160*	1x12
27	GIBS 30RV 1x10	Gibson GA-30* 1x10	Shure SM57*	1x10
28	JUIC PPC 1x12	Orange PPC112*	Shure SM57*	1x12
29	BOST ZC15 1x12	Vox AC15* 1X12	Shure SM57*	1x12
30	PROJR1x10	Fender Pro Junior* 1x10	Shure SM57*	1x10
4x10 Cabinet				
31	LOW MAN 4x10	Fender '59 Bassman Reissue* 4x10	Shure SM57*	4x10
32	BGR BLUE 4x10	Bogner* 4x10	Shure SM57*	4x10
33	BRIT 65B 4x10	Marshall 1965B* 4x10	Royer R121*	4x10
Bass Cabinet				
34	US PRFX 1x15	Ampeg B-15N* 1x15	Royer R121*	1x15
35	ED XLT 4x10	Eden* 4x10	Shure Beta 87A*	4x10
36	US SVT 8x10	Ampeg SVT-810E* 8x10	Neumann U67*	8x10
37	SVT HLF 4x10	Ampeg SVT-410HLF* 4x10	Shure SM57*	4x10
38	SVT AV 2x10	Ampeg SVT-210AV* 2x10	Neumann U67*	2x10
39	US GKCX 4x10	Gallien-Krueger CX410* 4x10	Neumann U67*	4x10

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## Specifications

Input Impedance: 1MΩ

Output Impedance: 100Ω

Power Requirement: 9V DC center negative

Current Consumption: 200mA

Dimensions: 101mm (D) x58mm (W) x47mm (H)

Weight: 220g

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