



Filter Twin®

The Filter Twin uses two identical filters sweeping in opposite directions, one up and one down. This unique design creates classic 70's-inspired funk sounds and completely new and original filter tones.

The Filter Twin employs an intuitive four-knob layout. The *blend* control pans between the filters, allowing the user to mix how much of each filter they hear. The *threshold* control determines how sensitive the unit is to different playing styles, while the *velocity* controls determine the speed of each filter.

Features:

- Separate velocity controls for the each filter
- Blend control allows for panning between filters
- Gig-saver bypass (signal passes even if your battery dies)
- Power: Nine-volt battery or optional universal power supply
- Heavy duty steel construction
- Battery life >75 hours

Owner's Manual

Manual Version 1.0

I. Functions

A. Top Panel Controls:

BLEND: Pans between the up and down filters. The “up” filter control is indicated by an arrow pointed up. The “down” filter control is indicated by a down arrow.

THRESHOLD: Controls the sensitivity of the unit to different input levels

VELOCITY UP: Controls the speed of the up filter*

VELOCITY DOWN: Controls the speed of the down filter*

ENGAGE: Toggles between engage and bypass. The blue LED indicates that the effect is engaged.

*The filter velocity also depends on *threshold* settings and input level. As the threshold is lowered and your bass' input level is increased, the filter velocity increases as well – so tweak away and have fun!

B. Side Panel Connections:

IN: ¼” input

DC IN: This is a standard 2.1mm DC jack. The center terminal polarity is negative.

OUT: ¼” output

C. Specifications:

Current consumption:.....	10mA
Input impedance:	1MΩ (Effect On)
Output impedance:	1 KΩ
Maximum Output:.....	+6dBu (1.6VRMS)
Battery Life.....	~75 hours
Noise Level:	-94 dBu 'A' weighted *

External DC Power:.....9-10VDC, 20mA min, center terminal negative

* = All knobs set to 12 o'clock

II. Sample Settings

Please visit our website, www.aguilaramp.com, for sample settings.

III. "How To"s

How to change the battery:

This operation can be done quickly and easily and requires no tools!

The battery is easily accessible by loosening the thumbscrew on the bottom of the unit.

The battery compartment will slide forward and you will be able to see the padded area to insert the battery and attach the battery clips. Once the battery has been replaced, simply slide the compartment back in and hand tighten the thumbscrew.

How to attach the unit to a pedal board:

We have included two neoprene spacers to help attach the unit to a pedal board. These pieces can be attached as shown to the bottom of the unit.

Once the neoprene spacers are secured to the bottom of the pedal, you can then affix a piece of Velcro to them – you are now ready to mount the Filter Twin to your pedal board!

We have included an additional screw that can be used to replace the thumbscrew if it's in the way of your board.

IV. Warranty Information

The Filter Twin® is covered under limited warranty against defects in materials and workmanship for a period of 3 years. This warranty is non-transferable.

The warranty period starts from the date of purchase from an authorized Aguilar dealer. Please retain your sales receipt, as it is necessary to obtain warranty service.

Before sending your unit to Aguilar for repair, you must receive a return authorization number from us. Please contact us via email at techsupport@aguilaramp.com. Do not send any products to us without first receiving a return authorization from Aguilar.

You are responsible for all shipping charges. You must ship the unit to us freight prepaid. We will return the unit to you freight collect. Aguilar Amplification LLC is not responsible for shipping damage, either to or from our service center. Claims must be filed with the carrier.

The only company in the US authorized to perform work under this warranty is Aguilar Amplification LLC of New York, NY.

Warranty service outside the USA: Warranty Service may be different in your country. Please contact the Aguilar distributor in your country for terms and procedures.

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