

TRYM™

TR-1 Tremolo Pedal

USER MANUAL

TRYM TR-1 User Manual rev. 1.0.3, November, 2015



CONGRATULATIONS!

You are now the owner of the TRYM TR-1 tremolo pedal!

TRYM is a high-quality, custom aluminum housing tremolo pedal with true bypass. It can be controlled like a stand-alone effects pedal or use the AERO™ AE-1 wireless controller to unleash the pedal's full potential (optional):



FCC Statements

15.19 (a)(3):

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21:

Information to user.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

15.105(b):

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. —Consult the dealer or an experienced radio/TV technician for help.

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1. GETTING STARTED

To get your pedal up and running you need a standard 9V DC, 2.1 mm plug, center negative power supply (minimum 250 mA). You will find the connector at the back of your pedal.

The pedal supports both mono and stereo connections. Combinations of these will lead to different properties in the output signal. See the 7. Input/output setups section (page 11) for further explanations.

2. CONTROLS

<i>SPEED</i>	Adjust the speed of the tremolo effect
<i>SHAPE</i>	Change between a mild sine wave tremolo (lowest setting), a more aggressive square wave tremolo (highest setting) or a mix between sine and square wave.
<i>DEPTH</i>	Adjust the amplitude of the tremolo effect, the “degree” of tremolo effect. Depth set to minimum equals no tremolo effect
<i>FX SELECT/TAP TEMPO</i>	Two modes: - TAP – tap the desired tremolo speed* using footswitch (TAP) - FX-SELECT – Choose active effect parameter (<i>TIME</i>, <i>LEVEL</i> or <i>FEEDBACK</i>) for wireless control with AERO controller

	(optional)
<i>ON/OFF</i>	Set the pedal to ON (activated) or OFF (true bypass).

3. OVERVIEW



*Set active parameter for AERO™ AE-1 Wireless Controller

4. TECHNICAL SPECIFICATIONS

Power supply (not included)	9V DC, 2.1 mm plug, center negative (not included)
Current draw	250 mA
Input impedance@1kHz	~1M Ohm
Output impedance@1kHz	< 1k Ohm
Maximum input signal	3.22 Vp-p (2.28 Vrms)
Sound Quality (sample-/bit rate)	48 kHz/24-bits
Connectors	- INPUT (mono/stereo) - OUTPUT (mono/stereo) - DC power jack
Controls	SPEED, SHAPE, DEPTH, ON/OFF (true bypass), FX SELECT (TAP)
Parameter level indicators	LED bar indicators for <i>SPEED</i> , <i>SHAPE</i> and <i>DEPTH</i>
Dimensions incl. knobs (W x H x D)	93 x 57 x 142 mm / 3.7 x 2.2 x 5.6 inches
Weight (excl. packaging)	0.372 kg / 13.0 oz
Weight (incl. packaging)	0.442 kg / 15.6 oz

5. SOFTWARE UPDATE

Some features, like the option of using one AERO to control several pedals, is available as a software update. Therefore we recommend that you update your Aalberg effects pedal. Here is how you do it:

NB! The Aalberg Updater App will be available soon through App Store

A) Aalberg Effects Pedals

1. **Tablet/Iphone:** Visit Apple App Store or Google Play and download the app named "Aalberg Update"
2. **Pedal:** Press and hold both ON/OFF and FX-SELECT footswitch while plugging in the power.
3. **Tablet/Iphone:** After your device has connected with the pedal choose "update".

B) AERO Wireless Controller

1. **Tablet/Iphone:** Visit Apple App Store or Google Play and download the app named "Aalberg Update"

2. **AERO:** Press and hold the preset '3' button and knob button while simultaneously turning the unit on (slide switch set to '1').
B – 2) Set AERO in update mode
3. **Tablet/Iphone:** After your device has connected with the AERO choose "update".



Set pedal in update mode



Set AERO in update mode

For more information, please visit: www.aalbergaudio.com/support

6. WIRELESS CONTROL - PAIRING

Before you can control your AALBERG pedal(s) with the AERO Wireless Controller, you need to pair the devices.

(NB! Option B) will be available as a software update soon! Go to the article: *Software Update*, for more info.)

A) One AERO Wireless Controller to one Aalberg Effects Pedal

1. AERO: Turn off (slide switch set to '0')
2. Effects pedal: Unplug power adaptor
3. Effects pedal: Press and hold FX-SELECT footswitch while plugging in the power (LEDs will start blinking)
4. AERO: Press and hold left button and knob button while simultaneously turning the unit on (slide switch set to '1').
5. AERO: Press and hold the AERO knob button for 2 seconds then release it. To confirm syncing turn the AERO off and on.
6. Voilà: Pairing complete!

B) One AERO Wireless Controller to several Aalberg Effects Pedals*

1. AERO: Turn off (slide switch set to '0')

2. Effects pedals: Unplug power adaptor for all pedals to be paired.
3. AERO: Press and hold left button and knob button while simultaneously turning the unit on (slide switch set to '1')
4. Effects pedals: Leftmost pedal: Press and hold FX-SELECT footswitch while plugging in the power (LEDs will start blinking)
5. Effects pedals: repeat step 4) for the rest of the pedals from left to right
6. AERO: Press and hold the AERO knob button for 2 seconds then release it. To confirm syncing turn the AERO off and on
7. Voilà: Pairing complete!

*8 pedals maximum

For more information, please visit: www.aalbergaudio.com/support

7. INPUT/OUTPUT SETUPS

The Aalberg TRYM™ TR-1 Tremolo Pedal offers the following mono/stereo configurations:

1. Mono in/Mono out
2. Stereo panning
3. Dry/wet split
4. Dual mono

1. **Mono in/Mono out**

Connect your instrument to *Mono in* and the amplifier to *Mono out*.

2. **Panning stereo**

Connect your instrument to *Mono in* then connect one amplifier to *Mono out* and another amplifier to *Stereo out*. The tremolo effect will now alternate between the two outputs, giving a spacious tremolo effect.



3. **Dry/wet split**

Connecting your instrument to *Stereo in* will split the dry/wet signal as follows:

- *Mono out*: 100% wet signal
- *Stereo out*: 100% dry signal

4. **Dual mono**

This is useful if you want to maintain the stereo path for pedals in the signal chain. Connect the stereo outs from the previous pedal to both inputs on the TRYM (Mono in = left, Stereo in = right).

8. DISCLAIMERS

All use of our products is undertaken at your own risk and expense and Aalberg Audio cannot be held liable for any direct or indirect losses or cost incurred through use, default or malfunction of our products. Repair or replacement of defective units under our warranty provisions serve as the sole remedy in the unlikely event that our products does not comply with product specifications.

Aalberg Audio accepts no liability for any damages made to persons or equipment when attaching or removing the industry velcro (AERO accessory).

9. WARRANTY

ONLY SEND PRODUCTS THAT:

- YOU HAVE TESTED YOURSELF
- ARE FOLLOWED BY A COPY OF THE RECEIPT
- ARE FOLLOWED BY AN EXPLANATION OF THE FAILURE

We offer a 2-year warranty on all our products. In the unlikely event of a malfunction, please contact us at support@aalbergaudio.com before sending us the product for repair. When the product has been returned to us at the cost of the sender, we will repair or replace your product and send it back to you - free of charge and usually within 4 weeks (shipping not included). The

product needs to be accompanied by a copy of your receipt, serial number, return address, phone number, e-mail address and a brief explanation of the problem. If the product is altered or repaired by someone unauthorized by Aalberg Audio the warranty is no longer valid. Stores and distributors must always check products before sending them to Aalberg Audio for repairs. Please note that we cannot replace a product before we have received it at the Aalberg Audio HQ in Trondheim, Norway.

10. HISTORY

The inspiration for the delay pedals with wireless controller came to guitar player and inventor Rune Aalberg Alstad back in 2009, when he was tired of having to run over to the pedals and bend down all the time to change the effect settings. In 2012 he met the engineer Torkild Indstøy and the entrepreneur Aleksander Torstensen, and five years later, after lots of testing and prototyping we are proud to introduce the world's first EKKO EK-1 Delay Pedal with the AERO AE-1 Wireless Controller. (Below you can see the different development stages (from left to right): *"The Coffee Filter"*, 2010 – *"The Tank"*, 2012 – *"Prototype 3"*, 2013, *"Prototype 4"*, 2014 – The final product, 2015)



11. IPR-RELATED

Design Protection pending in EU & USA

International Patent pending PCT/NO2014/050236

12. COMPLIANCE

Aalberg Audio accept and follow these regulations and directives.



13. ABOUT AALBERG AUDIO

Aalberg Audio AS is located in Trondheim, Norway. We produce wireless guitar effects with accompanying hardware and software. Please don't hesitate to contact us if you have any questions or inquiries! Visit: www.aalbergaudio.com



www.aalbergaudio.com

Trondheim
NORWAY

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Always visit aalbergaudio.com/support for updated User Manuals.