

Audile



DOUBLE TAP

DUAL OUTPUT
TAP TEMPO SWITCH

OWNER'S
MANUAL



Thank you for purchasing the **DOUBLE TAP Programmable Dual Output Tap Tempo Foot Switch**, by Audile.

DOUBLE TAP is made in Australia and has been designed for maximum reliability and long service life. Please be sure to follow the instructions in this manual to get the best out of your new equipment.

If you require assistance at any stage, please contact your Audile Authorised Dealer.

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❓ WHAT IS DOUBLE TAP?

DOUBLE TAP is a Tap Tempo Foot Switch which has two separate outputs being controlled from one Foot Switch. The two outputs are totally separate circuits, and are therefore fully isolated from each other.

DOUBLE TAP provides ultimate programming flexibility by the use of dip switches, which can be accessed by removing the side panels.

Each output can be separately programmed as:

- Normally Closed or Normally Open.
- Switch contact between Sleeve & Tip, Sleeve & Ring, or Sleeve & Tip + Ring.
- Engage a 4.7k Ω pull-up resistor between Sleeve & Tip or Sleeve & Ring.
- LEDs are provided for applications where the Foot Switch is used to latch a device ON, and that device provides power for the LED. For most Tap Tempo applications, the LEDs will not light up.

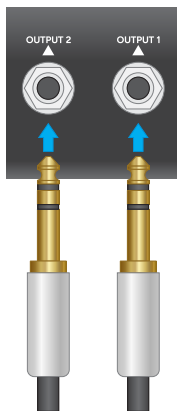
🔌 CONNECTIONS

OUTPUT 1 and OUTPUT 2

Foot Switch outputs to effects pedals. The outputs correspond to the dip switch settings on the same side of the circuit board as the output jack.

Use a Stereo or Mono patch lead, as required by the effects pedal input, and as per the dip switch settings.

Two 50cm Stereo TRS patch leads are supplied with **DOUBLE TAP**.



DIP SWITCH SETTINGS

With its wide range of output settings, **DOUBLE TAP** can be programmed for use with most rack and pedal effects that can be controlled from a Tap Tempo type input.

Consult your pedal's instruction manual to determine the type of input required.

The default setting for both outputs when the **DOUBLE TAP** is shipped is for a Normally Open contact between the Sleeve and Tip of the audio connector. This is compatible with Eventide®, JHS® and many other brands.

Most BOSS® pedals will require you to set the output to Normally Closed, between the Sleeve and Tip.

A Strymon® pedal may require you to keep the Normally Open setting, but also engage the pull-up resistor from Tip to Ring. This requires a stereo TRS patch lead.

Again, you should consult your effect pedal's instructions to check for its tip / ring / pull-up resistor input requirements.

With its two totally separate, isolated circuits being controlled from one foot switch, **DOUBLE TAP** allows you to control multiple pedals that have different inputs. For example, you may wish to connect a JHS® Delay with Normally Open Sleeve to Tip setup to **OUTPUT 1**, and a BOSS® AW-3 Dynamic Wah with Normally Closed Sleeve to Tip setup to **OUTPUT 2**.

DIP SWITCH SETTINGS

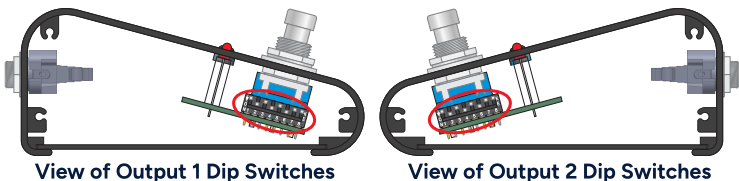
ACCESSING THE DIP SWITCHES

Please use a hand tool screwdriver when removing and refitting the self-tapping screws. DO NOT use a powered driver, as this could cause damage to the screw threads.

Remove the side panel from the side of **DOUBLE TAP** which corresponds to the output you wish to set. There are three self-tapping screws for each side panel.



Locate the 8-way dip switch for the output that you are setting.



The default settings for the dip switches, as shipped from the factory, are Normally Open contact between Tip and Sleeve, both LEDs disabled, pull-up resistor not engaged.



SETTING THE DIP SWITCHES

Due to the small size of the dip switches, a jeweller's screwdriver or similar tool will make it easier to set the switches than fingertips.

1. Normally Open / Normally Closed setting



Set 1 to ON for Normally Closed operation.



Set 2 to ON for Normally Open operation (default).

Set only ONE of 1 and 2 to ON, not both of them.

2. Tip, Ring and Tip+Ring setting



Set 3 to ON for the switch to operate between the Ring and Sleeve of a stereo TRS jack.



Set 4 to ON for the switch to operate between the Tip and Sleeve of the jack. Default for mono jacks.



Set 5 to ON for the switch to operate between both Ring and Tip to Sleeve of a stereo TRS jack.

Set only ONE of 3, 4 or 5 to ON.

3. LED setting



Set 6 to ON to disable the LED function (default).



Set 6 to OFF to enable the LED function.

4. Pull-up resistor setting



Set 7 to ON to engage a 4.7k Ω resistor between Tip and Ring when the switch is closed.



Set 8 to ON to engage a 4.7k Ω resistor between Tip and Sleeve when the switch is closed.

Set only ONE of 7 and 8 to ON, not both of them.

The default setting is both 7 and 8 set to OFF.

DIP SWITCH SETTINGS

Replace the side panel(s) when you have set the dip switches to the requirements of the pedals to be controlled.

Use a hand tool screwdriver, not a powered driver. Do not over-tighten the self tapping screws.





WARRANTY

Avant Technik Pty Ltd ("Avant Technik") guarantees the **DOUBLE TAP Dual Output Tap Tempo Switch** pedal to be free from defects in material and workmanship when subjected to normal use and service. This is a 2 year limited warranty, whereby the faulty device is returned to Avant Technik, or Authorised Dealer, freight prepaid within two years from the date of purchase. The faulty device will be repaired and returned, free of charge.

There are no expressed or implied warranties which extend beyond the face hereof, and Avant Technik is not liable for any incidental or consequential damages arising from the use or misuse of this product. This limited warranty does not apply to any injury, loss, damage, defect or malfunction of the product or failure to function resulting from any failure to operate the product in accordance with the directions contained in the operating instructions, failure to function resulting from any accidents, acts of God, tampering, abuse, acts, omissions, or negligence by anyone other than Avant Technik.

This limited warranty shall apply only to the Customer as an original purchaser. It is the customer's responsibility to follow safety regulations and laws regarding electrical connections. Shipping damage is not covered by this warranty.

No claims will be recognised without the proof of purchase. This warranty becomes invalid if damaged is caused by an unauthorised person or persons attempting modifications or repairs.

Any dispute between customer and Avant Technik must be conducted in Queensland, Australia.





To Each Their Own Tone

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DOUBLE TAP



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**MADE IN
AUSTRALIA**