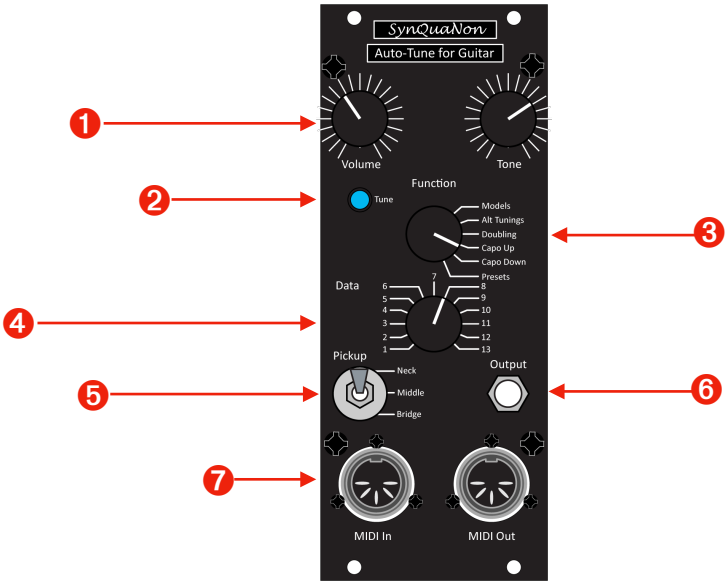
ATG Module

AutoTune for Guitar®

Introduction

Congratulations on your purchase of this SynQuaNon product! It is our belief that our products will enable you to find new and interesting ways to create custom sounds with your synthesizer and other SynQuaNon modules. Check out our full line at www.synquanon.com.

Module front panel overview



❶ Guitar controls	Volume and tone.
❷ Tune LED	Indicates when tuning is complete.
❸ Function selector	Allows selection of various ATG functions.
❹ Data selector	Allows selection of settings for each of the ATG functions.
❺ Pickup switch	Allows selection of bridge, middle, and neck pickups.
❻ Output jack	Mono guitar-level output from ATG.
❼ MIDI jacks	MIDI In and Out connections.

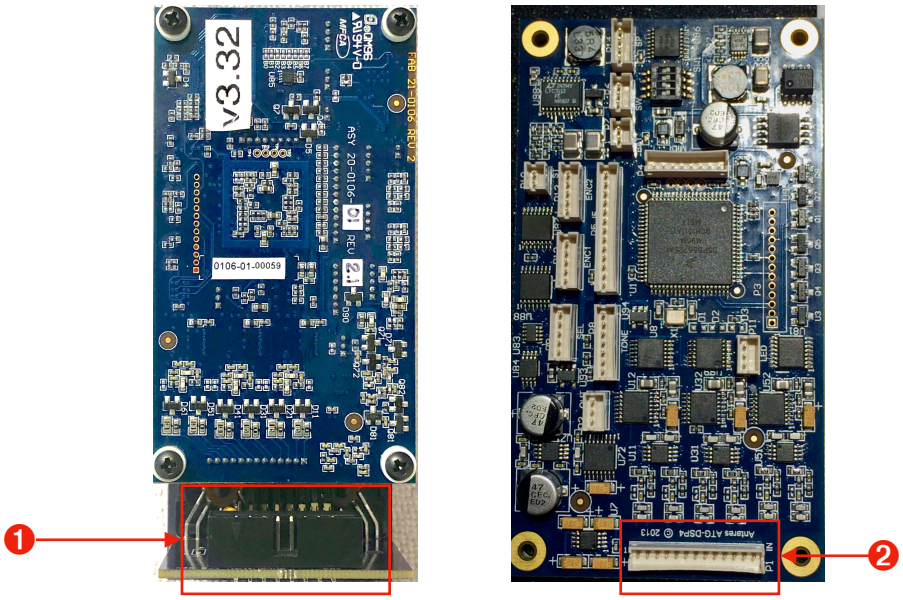
Overview

The ATG module accepts a hex guitar pickup input and performs a variety of pitch-shifting and guitar modeling transformations.

Based on latest Antares ATG guitar module with latest firmware v3.32.

Controllable with iPad or other MIDI controller.

Module rear panel overview



❶ A100 Bus	Keyed power connection with reverse polarity protection. Red stripe is on the left.
❷ Pickup Input Header	JST 13-pin connector for hex pickup signals. This connector is on the other side of the ATG DSP board, just above the A100 bus connector.

Features

- Hex pickup input header on back of module.
- 6-Position encoder for function select (see ATG manual for details).
- 13-Position encoder for data selection within each function (see ATG manual for details).
- Volume and tone controls, pickup select switch for guitar modeling.
- MIDI In and MIDI Out DIN connectors for programming.
- Pairs well with 13-Pin Input Breakout, 13-Pin Output Breakout, Hex VU Meter.

Technical Specifications + Downloads

Width	10 HP
Depth	45 mm
Power	165 mA @ +12V
	0 mA @ -12V
	0 mA @ +5V

ModularGrid ATG

Support

In case of difficulty:

1. Make sure power is available to the Eurorack and that it is turned ON.
2. Check the rear module power connection (turn OFF Eurorack power first)
3. Check patch cables for continuity or shorts.
4. Check level settings on front panel. Check gain select header on rear of module for proper gain range selection (turn OFF Eurorack power first).

For additional information please feel free to contact us at support@synquanon.com