

STOMPWATCH

PROFESSIONAL STAGE CLOCK AND TIMER



USER'S GUIDE



IMPORTANT SAFETY INSTRUCTION – READ FIRST



This symbol, whenever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

Read instructions:

Retain these safety and operating instructions for future reference. Heed all warnings printed here and on the equipment. Follow the operating instructions printed in this user manual.

Do not open:

There are no user serviceable parts inside. Refer any service work to qualified technical personnel only.

Moisture:

To reduce the risk of fire or electrical shock do not expose the unit to moisture or use in damp or wet conditions. Do not place container of liquid on unit.

Heat:

Do not locate the unit close to excessive heat or direct sunlight, as this could cause a fire hazard. Locate the unit away from any equipment, which produces heat such as: power supplies, power amplifiers and heaters.

Environment:

Protect from excessive dirt, dust, heat, and vibration when operating and storing. Avoid tobacco ash, drink spillage and smoke, especially that associated with smoke machines.

Handling:

Protect the controls from damage during transit. Use adequate padding if you need to ship the unit. To avoid injury to yourself or damage to the equipment, take care when lifting, moving, or carrying the unit.

Servicing:

Refer servicing to qualified technical personnel only.

Installation:

Install the unit in accordance with the instructions printed in the user manual.

INTRODUCTION

Thank you for purchasing Applied Research and Technology's STOMPWATCH. This stompbox-format clock and timer will help you keep track of time on stage and during rehearsals.

The STOMPWATCH was designed and constructed with the absolute best components, assuring a lifetime of reliable performance.

The STOMPWATCH offers

- Large Display: A four-digit seven segment display that can be seen from across the stage.
- Timer Mode Indicator: This yellow LED is on in Timer mode.
- Clock Mode Indicator: This red LED is on in Clock mode.
- Timer Start/Stop Indicator: This green LED is on when the timer is counting.
- Clock Adjust Knob: Use this encoder knob with the Hour and/or Minute buttons to adjust the clock time.
- Hour Button: Pressing this button will allow you to adjust the clock's hour using the "Clock Adjust" knob.
- Minute button: Pressing this button allows you to adjust the clock's minutes using the "Clock Adjust" knob.
- Mode Select: Pressing this footswitch will toggle the STOMPWATCH between Timer and Clock mode.
- Timer Start/Stop: Pressing this footswitch will start or stop the timer while in Timer mode.

Rear

- Power switch: Connects/disconnects the battery power.
- Standard 9V battery compartment.
- Adaptor DC input/output: Accepts standard center-pin negative 9V stompbox adaptors. These two power jacks are connected in parallel to allow for easy daisy-chaining of your stompbox power.

Power Options

The STOMPWATCH is ideally powered from a 9V power adaptor and will powerup as soon as a suitable DC power adaptor is connected. For convenience, a 9V battery may be installed to act as a backup in case of external power failure. The power switch connects the battery.

The STOMPWATCH, comes with a factory installed #V CR2032 3V coin cell to keep the real time clock operational when the unit is powered off, this cell will need replacing every 3 years, or when the accuracy of the clock is drastically affected.

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Warranty

- 3 years parts and labor warranty

INSTALLATION

The ART STOMPWATCH may be used in a wide variety of applications and environments. The all-steel chassis is designed for continuous professional use. Mounting location is not critical; however for greater performance reliability we recommend that you not place the unit on top of power amps, or other sources of heat and/or strong magnetic fields.

UNPACKING

Your STOMPWATCH was packed with care at the factory. The shipping carton was designed to protect it during initial shipment. Please retain this carton for use in transporting the STOMPWATCH when it is not installed in a rack, or in the unlikely event that you need to return your STOMPWATCH for servicing. The shipping carton should contain:

- The STOMPWATCH
- This user's guide



OPERATION

The STOMPWATCH has two main modes of operation as detailed below.

1. Clock Mode

Upon power up, the STOMPWATCH will be in Clock mode as indicated by the red LED. In this mode, the STOMPWATCH is a simple clock and displays the time in 12h format. The bottom-left dot on the display is the PM indicator.

Setting the Time

You may adjust the time using the Hour, Minute and Clock adjusts controls. To change the hours, simply press on "Hour." The hours will flash and you will be able to make your adjustment via the encoder. Dial in the correct hour and let go of the encoder. When the display stops flashing, the new hour is set.

Adjusting the minutes is very similar. Simply press the "Minute" button to start adjusting.

The clock setting is maintained by an internal CR2032, 3V Coin cell, if the time is not retained replace the factory installed battery with a fresh one

Resetting the seconds to zero

In some situations, you may want to reset the seconds to zero to exactly match the time of another clock. To do this, press the "Minute" button and hold down the Start/Stop footswitch. The new minutes will be set and the seconds will be reset to zero **when the "Start/Stop" button is released.**

2. Timer Mode

To put the STOMPWATCH in Timer mode, simply press the "Select" footswitch. In Timer mode, the yellow LED is on and the display will show the last count recorded by the timer.

Starting and Stopping the Timer

You may start (or stop) the timer by pressing the Timer start/stop footswitch. The display will show the time elapsed in MM:SS format, up to 99 minutes and 59 seconds. When the timer is running (counting up) the green LED is lit. You may go back forth between Timer and Clock mode while the timer is running. The timer will only stop running if power is removed or if you press the Timer start/stop footswitch while in Timer mode.

Resetting the Timer Count

To reset the timer count, simply press down on both footswitches at once. You may only reset the timer count while in Timer mode.

WARRANTY INFORMATION

Limited Warranty

Applied Research and Technology will provide warranty and service for this unit in accordance with the following warrants:

Applied Research and Technology, (ART) warrants to the original purchaser that this product and the components thereof will be free from defects in workmanship and materials for a period of three years from the date of purchase. Applied Research and Technology will, without charge, repair or replace, at its option, defective product or component parts upon prepaid delivery to the factory service department or authorized service center, accompanied by proof of purchase date in the form of a valid sales receipt.

Exclusions

This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs. This warranty is void if the serial number is altered, defaced, or removed.

ART reserves the right to make changes in design or make additions to or improvements upon this product without any obligation to install the same on products previously manufactured.

ART shall not be liable for any consequential damages, including without limitation damages resulting from loss of use. Some states do not allow limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may have other rights, which vary from state to state.

For units purchased outside the United States, an authorized distributor of Applied Research and Technology will provide service.

SERVICE

The following information is provided in the unlikely event that your unit requires service.

1. Be sure that the unit is the cause of the problem. Check to make sure the unit has power, all cables are connected correctly, and the cables themselves are in working condition. You may want to consult with your dealer for assistance in troubleshooting or testing your particular configuration.
2. If you believe the ART unit is at fault, go to www.artproaudio.com. You may contact Customer Service for more assistance, or directly request a Return Authorization for service in the “resources” area of the website.
3. If you are returning the unit for service, pack the unit in its original carton or a reasonable substitute. The original packaging may not be suitable as a shipping carton, so consider putting the packaged unit in another box for shipping. Print the RA number clearly on the outside of the shipping box.
4. Include, with your unit, a note with the RA number and your contact information including a daytime phone number, preferably attached to the top of the unit.

SPECIFICATIONS

Current Consumption	90mA @ 9V
Typical Battery Lifespan	4 hours
DC Input Voltage Range	9V to 12V
Dimensions	3.25" H x 5.75" W x 5.5" D 82.6 mm H x 146 mm W x 140 mm D
Weight	2.0 lbs./ 0.9 Kg

ART maintains a policy of constant product improvement.
Therefore, specifications are subject to change without notice.

Go to www.artproaudio.com for the latest information and support on the **STOMP WATCH**.



www.artproaudio.com
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STOMPWATCH

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