

# AIRPHX®

## AIRPHX 7 Day Timer User Guide

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# 1 Timer Overview

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The AIRPHX 7-day timer has 15 preprogramed daily programs and 8 on/off schedules.

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## DAILY PROGRAM:

1. Monday-Tuesday-Wednesday-Thursday-Friday-Saturday-Sunday
2. Monday
3. Tuesday
4. Wednesday
5. Thursday
6. Friday
7. Saturday
8. Sunday
9. Monday- Tuesday-Wednesday-Thursday-Friday
10. Saturday-Sunday
11. Monday-Tuesday-Wednesday-Thursday-Friday-Saturday
12. Monday-Tuesday-Wednesday
13. Thursday-Friday-Saturday
14. Monday-Wednesday-Friday
15. Tuesday-Thursday-Saturday

## TIMER SPECIFICATIONS:

Power input: 12/24VDC

Output: 16A/250V

## FEATURES:

- Single output
- 8 programmable on/off schedules
- 15 Daily programming schedules
- Manual override button
- Battery backup retains programming during power loss

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## 2 PA2400 7 Day Mode of Operation

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THE PA2400 HAS TWO MODES OF OPERATION. THIS USER GUIDE COVERS THE SETUP OF THE 7-DAY TIMER MODE.

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**Run Mode:** In this mode, the power switch is in the ON position (switch will illuminate red) and the 7-day timer switch will be in the OFF position. The PA2400 will run continuously, while being regulated by the built-in ROS sensor. If the ROS concentration level within the treated space reaches the preset level of .040ppm, the unit will cut off automatically returning to operation once the ROS concentration drops.

**7-Day Timer Mode:** In this mode, both the power switch and 7-day timer switch are in the ON position. The 7-day timer will control the unit's ROS production based on the schedules programmed within the timer.

Please note that during an off-time schedule, the unit will be silent, and the ROS production will be halted.

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*This setup guide covers the setup and programming of the 7-day timer only. Please refer to the PA2400 User Guide for further details on the installation and operation of the PA2400.*

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IF FURTHER ASSISTANCE IS REQUIRED, PLEASE CONTACT YOUR AIRPHX REPRESENTATIVE AT 855-424-7749 OR VISIT OUR WEBSITE [HTTPS://WWW.AIRPHXSPORTS.COM/INSTALLATION](https://www.airphxsports.com/installation), WHERE YOU CAN FIND ADDITIONAL INFORMATION ON THE INSTALLATION AND OPERATION OF THE PA2400 INCLUDING USER GUIDES AND INSTALLATION VIDEO.

## 3 Setting the time and day

### Timer Reset

The first step in the programming process is to clear the timer's memory. Using a small pointed object, push the reset button. The screen will go blank, indicating that the memory has been cleared.



### Setting the clock

To set the day.

1. Remove clear round cover on the timer if so equipped.
2. Press and hold the CLOCK button.
3. While holding the CLOCK button, press the DAY button until the correct day is displayed.

To set the hour

1. Press and hold the CLOCK button.
2. While holding the CLOCK button, press the HOUR button until the correct hour is displayed, making note of AM and PM.

To set the minutes

1. Press and hold the CLOCK button.
2. While holding the CLOCK button, press the MINUTE button until the correct minutes are displayed.

## 4 Programming Tips

### Number of schedules

The 7-day timer has 8 different on/off schedules and 15 daily programs.

### Button Tips



- The TIMER button is used to gain access to the timer setup.
- Pressing the CLOCK button while in setup will exit you from the setup mode.
- Pressing the TIMER button repeatedly, while in the setup mode, will toggle you through all 8 on/off schedules.
- Pressing the DAY button repeatedly, while in the setup mode, will toggle you through all 15 daily programs.

### 15 DAILY PROGRAMS:

- Monday-Tuesday-Wednesday-Thursday-Friday-Saturday-Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday
- Monday-Tuesday-Wednesday-Thursday-Friday
- Saturday-Sunday
- Monday-Tuesday-Wednesday-Thursday-Friday-Saturday
- Monday-Tuesday-Wednesday
- Thursday-Friday-Saturday
- Monday-Wednesday-Friday
- Tuesday-Thursday-Saturday

# 5 Programming

## Programming steps

Once the current day and time has been set in the timer, you can continue with programming the on/off schedules. This is done by pressing the TIMER button. Once pressed, you will enter the setup mode of the timer, represented by *schedule 1 on* shown on the display. This is where the day and time is set for schedule 1. Typically, two schedules will be used in total for most applications. One schedule for the on/off function that covers the weekdays and another for the weekends.

*A step by step setup example can be found in the [Example Program Schedule](#) section of this manual.*

## Button's functions

**Clock button** – Used to set the current time and day. In addition, it can be used to exit timer setup at any time while in the setup mode.

**Timer button** – Used to enter setup mode.

**Day button** – Used to select the current day and to select daily schedules.

**Hour button** – Used to set the current hour and to set the hours within a schedule.

**Minute button** – Used to set the current minutes and to set the minutes within a schedule.

**Manual button** – This button is used to manually override the timer schedules. If pressed during an off-timed schedule, the timer will turn the PA2400 on.

*Note:*

*We recommend against using the manual override button found on the timer itself. Instead, it is recommended turning the timer mode switch off that is located on the PA2400.*

## 6 Example Program Schedule 1 (ON)

In this example, we will setup the timer to run the PA2400 from 11:00pm to 6:00am Monday through Friday and from 12:00 am to 7:00am Saturday and Sunday.

Example schedule:

Weekdays = Monday-Tuesday-Wednesday-Thursday-Friday

On time = 11:00pm to 6:00am

Weekend = Saturday-Sunday

On time = 12:00 am to 7:00am



Note – It is important to set the current time and day before setting up any schedules. Please refer to “setting the time and day” section of this manual.

### Setting the on parameters for Schedule 1

**Timer Button** - From the time display, press the TIMER button. This will take you to *schedule 1 on* display. This is where you set the time and days for the ON time for schedule 1.

**Day Button** – Press the DAY button to select a daily schedule for schedule 1. In this example, we are going to continue pressing the DAY button until we see *Mo, Tu, We, Th and Fr* on the display. These are the days of the week we want our schedule 1 to turn the PA2400 on.

**Hour Button** – Press the HOUR button to set the ON hour for schedule 1. In this example, we are going to continue pressing the HOUR button until we see 11:00pm.

**Minute Button** – Press the MINUTE button to set the minutes for the ON time for Schedule 1. In this example, we are going to leave the minutes set at 00 (11:00PM).



## 7 Example Program Schedule 1 (OFF)

### Setting the OFF parameters for Schedule 1 cont.

Now that the ON parameters have been set for schedule 1, it is now time to set the OFF parameters for schedule 1.

**Timer Button** – Pressing the TIMER button again will take you to the *schedule 1 off* display.

**Day Button** – Press the DAY button to set the daily schedule for schedule 1. In this example we are going to continue pressing the DAY button until we see *Mo, Tu, We, Th and Fr* on the display. These are the days of the week we want our schedule 1 to turn the PA2400 off.

**Hour Button** – Press the HOUR button to set the OFF hour for schedule 1. In this example, we are going to continue pressing the HOUR button until we see 6:00am.

**Minute Button** – Press the MINUTE button to set the minutes for the OFF time for Schedule 1. In this example, we are going to leave the minutes set at 00 (6:00am).

Schedule 1 program is now complete. The PA2400 is set to turn on at 11:00pm and to turn off at 6:00am, Monday -Friday.

The next section of the setup guide will walk you through setting up a weekend schedule.

## 8 Example Program Schedule 2 (ON)

This section covers the setup parameters for schedule 2, the on/off function for the weekends.

Weekend = Saturday-Sunday

On time = 12:00 am to 7:00am

### Setting the ON parameters for Schedule 2

**Timer Button** - From the time display press the TIMER button. This will take you to the Schedule 1 on display. Continue pressing the TIMER button until you see *schedule 2 on* displayed. This is where you set the parameters for the ON time for schedule 2.

**Day Button** – Press the DAY button to set the days of the week for schedule 2. In this example, we are going to continue pressing the DAY button until we see *Sa and Su* on the display.

**Hour Button** – Press the HOUR button to set the ON hour for schedule 2. In this example, we are going to continue pressing the HOUR button until we see 12:00am.

**Minute Button** – Press the MINUTE button to set the minutes for the ON time for Schedule 2. In this example, we are going to leave the minutes set at 00 (12:00am).

## 9 Example Program Schedule 2 (OFF)

### Setting the OFF parameters for Schedule 2 cont.

Now that the parameters have been set for the ON time for schedule 2, it's time to set the parameters for the OFF time for schedule 2.

**Timer Button** – Pressing the TIMER button again, this will take you to *the schedule 2 off* display.

**Day Button** – Press the DAY button to set the days of the week for schedule 2. In this example, we are going to continue pressing the DAY button until we see *Sa* and *Su* on the display.

**Hour Button** – Press the HOUR button to set the OFF hour for schedule 2. In this example, we are going to continue pressing the HOUR button until we see 7:00am.

**Minute Button** – Press the MINUTE button to set the minutes for the OFF time for Schedule 2. In this example, we are going to leave the minutes set at 00 (7:00am).

The setup for the 7-day timer is now complete. Press the CLOCK button to exit out of the setup mode.

Schedules can be easily edited at any time by pressing the TIMER button and toggling to the desired schedule.

# 10 Battery Replacement Process

The AIRPHX 7-day timer is equipped with a lithium battery giving it the ability to retain its programming during a power loss.

The battery in the PA2400 7-day timer will need to be replaced every 2-3 years depending on use. The battery is a standard CR2032 lithium battery that is available in most local drug and big box stores. All that is required to replace the battery is a flat blade screwdriver to open the door to the PA2400, a coin to remove the battery door and a fresh CR2032 battery.

## Replacing the timer battery

1. Turn off and unplug the PA2400.
2. Using a large flat blade screwdriver, turn the two latches located on the front door of the PA 2400 counterclockwise a quarter of a turn to open the unit, refer to fig 1.
3. Open the door wide enough so that you can gain access to the back of the 7-day timer located on the door, as shown in fig 2.
4. Using a coin, remove the battery door. This is done by turning the battery cover a quarter of a turn clockwise as shown in fig 3.
5. Use a small flat blade screwdriver to remove the battery. This is done by prying up on one side of the battery.
6. When replacing the battery, make certain the “+” side of the battery is pointing up, as shown in fig 4.
7. Replace the battery cover. Using a coin, turn the battery door a quarter turn counterclockwise to secure the door in place.
8. Close the unit’s door. Using a large flat blade screwdriver, turn the door latches clockwise. You may need to push on the door while turning one of the latches.
9. Plug the PA2400 back in and turn the unit on.
10. Unfortunately, the timer will need to be reprogrammed.

# 11 Battery Replacement Process cont.

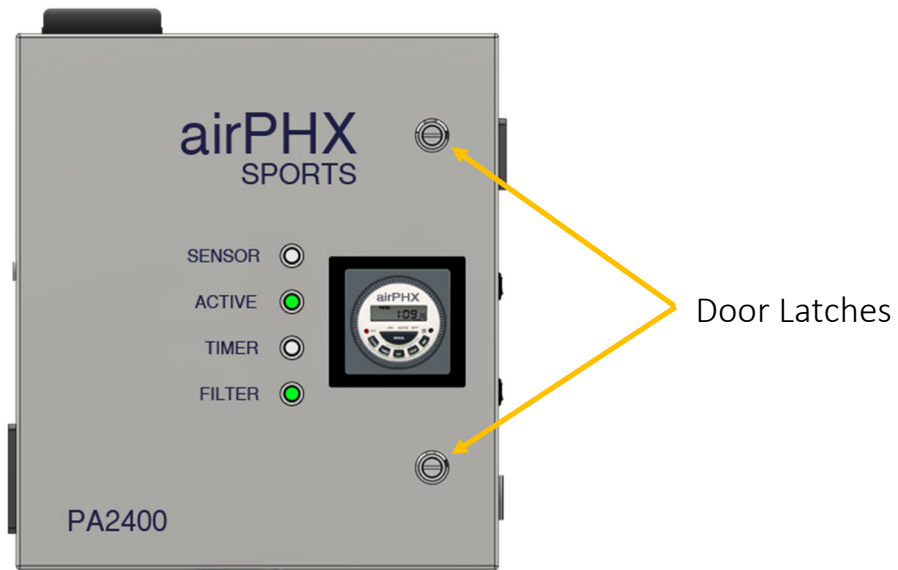


Fig 1

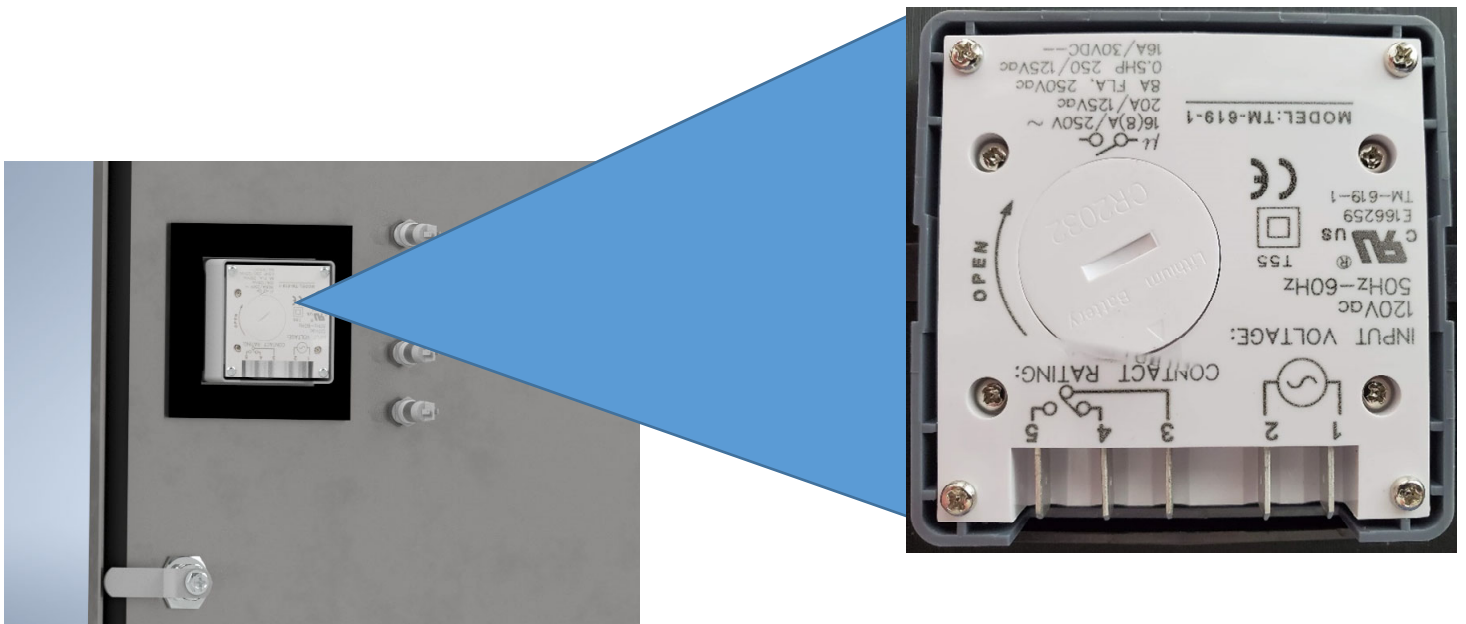


Fig 2

## 12 Battery Replacement Process cont.

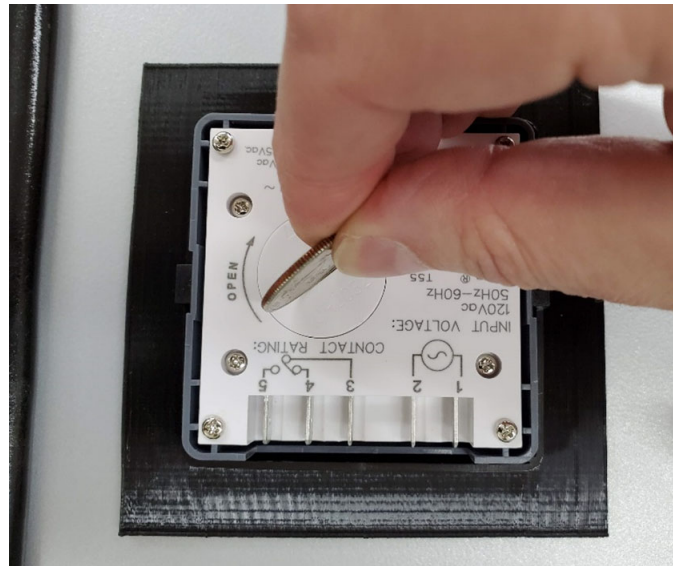


Fig 3



Fig 4

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If further assistance is required, please contact your AIRPHX representative at 855-424-7749 or visit our website <https://www.AIRPHXsports.com/installation>, where additional information can be found including user and installation guides as well as helpful videos.

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