

GEIA



AYRUS PRO

DRY MISTING TECHNOLOGY BY GEIA

OWNER'S MANUAL



**DO NOT MOVE WHILE IN
OPERATION. MUST BE
ON A LEVEL SURFACE.
HYPOCHLOROUS ONLY
300ppm MAX**

Introduction

Thank you for choosing the AYRUS PRO. Designed for advanced dry misting, the AYRUS PRO provides an effective and efficient solution for air, surface & odor treatment. This unit harnesses innovative technology to disperse an ultra-fine mist, ensuring even coverage while maintaining a dry application. Whether used for sanitation or deodorization, the AYRUS delivers reliable performance in a variety of environments.

Important Usage Guidelines:

- The AYRUS PRO is designed exclusively for use with water or hypochlorous acid (HOCl) 300ppm MAX.
- DO NOT MOVE WHILE IN OPERATION!
- MUST BE ON A LEVEL SURFACE!
- If using hypochlorous acid, the solution must not exceed 300 parts per million (ppm) to ensure optimal function and prevent damage to the unit.
- Do not use any other chemicals, solutions, or additives, as they may compromise the integrity of the system and void the warranty.

By following these guidelines, you will ensure the longevity and effectiveness of your AYRUS unit. Please read the full manual carefully before operation.





**300 ppm
Hypochlorous
ONLY**

FILL THROUGH FOG PORT

300ppm Hypochlorous ONLY

Remove the FOG Stack and fill
through the opening

POWER SWITCH

FOG VOLUME CONTROL

110V Power Cord

**DO NOT MOVE AYRUS
WHILE IN OPERATION!
MUST BE ON A LEVEL
SURFACE!**





300ppm
Hypochlorous
ONLY

**5kg/Hour
Output**

ALT INPUT

Simple 1/2" Threaded input
Connects to internal float.
Connect GEIA's 5g / 20g Tanks

OVERFLOW

Unit will **NOT** operate if
overfilled. This MAY
LEAK if too much liquid
is in the unit. Turn
machine on and drain
hocl from the unit until it
begins fogging.

DRAIN



The FOG
STACK can be
removed in
order to fill
the AYRUS
PRO



FLEXIBLE FOG STACK

Fog stack pops into the top
collet and can be removed for
filling, transport or storage.

Form into the “COBRA SHAPE” to
help reduce condensation and
dripping.

Not using the fog stack can
result in making surroundings
wet.

Do not point fog directly at
smoke detectors.

Over fogging can set off
smoke detectors.

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SURFACE TO OPERATE**





To start the AYRUS PRO



- Press SET
- Select desired minutes for the unit to run and press SET again.
- Factory settings max out at 15 minutes.
- Once the time expires the Luvian will beep and dry misting will cease.
- Please review time estimates for fogging of spaces to prevent over fogging
- To stop the unit prior to the time expiring, simply hold down SET. The AYRUS PRO will beep and dry misting will cease.
- If the AYRUS runs out of hypochlorous the timer may still be running but it will not be dry misting.

COUNTDOWN TIMER USE (option)

Quick Setup & Programming Guide

CLOCK – Set current day and time

TIMER – Program ON/OFF schedules

DAY / HOUR / MIN – Adjust settings

MANUAL – Select ON / AUTO / OFF mode

RESET – Clears all programs (use only if needed)

Set Current Day and Time

- Press and hold **CLOCK**.
- While holding **CLOCK**:
- Press **DAY** to select the day.
- Press **HOUR** to set the hour.
- Press **MIN** to set the minutes.
- Release **CLOCK** when finished.

Tip: The timer must have the correct time set for programs to work properly.

Press **MANUAL** to cycle between modes:

ON – Output is always ON (turns unit on)

OFF – Output is always OFF (turns unit off)

AUTO – Runs programmed schedules (Runs Programmed Schedule)



Select Operating Mode



Program ON/OFF Schedules

The Timer allows up to 8 programs. Each program has:

One ON time

One OFF time

Step A – Enter Programming Mode

Press **TIMER** once.

“1 ON” will appear on the screen (Program 1 – ON time).

Step B – Set ON Time

While “ON” is displayed:

Press **DAY** to select the day(s).

Press **HOURL** to set the ON hour.

Press **MIN** to set the ON minute.

Step C – Set OFF Time

Press **TIMER** again.

“1 OFF” will appear.

Set **DAY**, **HOURL**, and **MIN** the same way.

This completes Program 1.

Step D – Set Additional Programs

Press **TIMER** again to access Program 2.

Repeat ON/OFF setup.

Up to 8 programs may be created.

If you do not need additional schedules, you may stop after Program 1.

15 Program Options

- o Mo, Tu, We, Th, Fr, Sa, Su
- o Mo (Monday)
- o Tu (Tuesday)
- o We (Wednesday)
- o Th (Thursday)
- o Fr (Friday)
- o Sa (Saturday)
- o Su (Sunday)
- o Mo, Tu, We, Th, Fr
- o Sa, Su (weekend)
- o Mo, Tu, We, Th, Fr, Sa
- o Mo, Tu, We
- o Th, Fr, Sa
- o Mo, We, Fr
- o Tu, Th, Sa

To Clear All Programs press and hold RESET
WARNING - This erases ALL programs!!

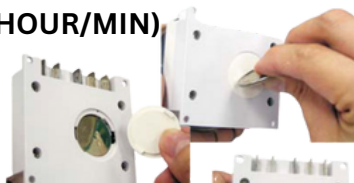
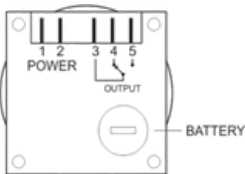
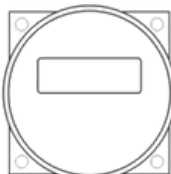
- You may create up to 8 ON/OFF programs.
- Programs may overlap.
- If an OFF time occurs, the unit will turn OFF.
- If an ON time occurs while the unit is already ON, it will remain ON.
- Important: The timer will only follow schedules when in AUTO mode.



Relay output is not isolated from the power supply.

Quick Start Summary

- Set current time (CLOCK + DAY/HOUR/MIN)
- Program ON/OFF times (TIMER)
- Set mode to AUTO (MANUAL)
- System runs automatically



Uses CR2032 battery
Typical life: ~2 years
Replace when battery symbol appears

To replace:
Remove rear cover.
Replace battery.
Reinstall cover.
Programs are preserved when the battery is functioning.



For support or videos on Ayrus Operations or Timer Programming visit GEIASolutions.com or use this QR Code



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OPERATE**

**AYRUS COINS SHOULD BE
REPLACED ANNUALLY. Visit website
for COIN replacement procedures.**

**DESCALE THE AYRUS EVERY 6
MONTHS USING GEIA
APPROVED DESCALER TO
OPTIMIZE PERFORMANCE
AND PROLONG EQUIPMENT
LIFE**



Essential Maintenance & Safety Instructions

Drain the unit completely prior to movement or storage to prevent leaks and damage.
Store in a dry, temperature-controlled environment to prevent freezing or overheating.

Cleaning & Descaling

Every 6 months, descale the machine with **GEIA approved descaler** to maintain optimal performance. Flush with clean water thoroughly to remove any residue.
COINS should be replaced annually. Use GEIA Approved COINS ONLY!

Solution Preparation – Hypochlorous Tablets

Always pre-mix hypochlorous solution before adding to the machine. Use drinking water (potable water) for mixing.

Mixing Guide:

1 tablet (3.3g) per 1 gallon of water

1 tablet (6.55g) per 2 gallons of water

1 tablet (13.1g) per 4 gallons of water



Power & Safety

Use only the specified power source as indicated on the machine's label.
Do not operate near open flames or in explosive environments.
Unplug the unit when performing maintenance, cleaning, or if not in use for extended periods.
Avoid overloading electrical outlets to prevent circuit damage.

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Troubleshooting

Unit not turning on? Check power connections, reset circuit breaker, and ensure the unit is plugged into a functioning outlet.
If fan is running, but no fog is coming out - check that it is not empty, OR that it has too much liquid in it. Small overflow port may be plugged. Drain some solution out and retry.
Too much solution or too little can affect fog output.

Warranty & Support

For warranty details on 1 year warranty, visit GEIASolutions.com or contact support@geiasolutions.com.
Keep a copy of your purchase receipt for warranty claims.
For technical support, call 855-687-4342 or email support@geiasolutions.com

Disposal & Recycling

Follow local regulations for disposal of electronic equipment.

For further instructions, visit: GEIASolutions.com



855-687-4342



GEIASolutions.com

Always use drinking water to mix solutions.

- ✓ Drain before transport or storage.
- ✓ Clean & descale every 6 months for optimal performance.
- ✓ Follow power safety guidelines to prevent damage.

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