

SECONDARY NETWORKS

ASTROPAK

POWER SUPPLY AND SWITCHING BOX

ASTROPAK is a compact power supply and switching box for secondary networks, equipped with a Radiolite socio-astronomical clock, a power connector, and fuse protection. It operates on daytime-cut or permanent 24/7 networks. Switching operations are synchronized citywide.



BENEFITS



PRECISE & SYNCHRONIZED SWITCHING

- ♦ Guaranteed dusk switching and synchronous cut-offs
- ♦ • Radio synchronization via GPS
- ♦ • Radiolite socio-astronomical algorithm
- ♦ • GPS synchronization



SOCIO-ASTRONOMICAL CALCULATION & ENERGY SAVINGS

- ♦ Astropak benefits from Radiolite's astronomical calculations, ensuring optimal switching timethroughout the year.
- ♦ Energy savings can reach up to one hour of operation per night!



AUTOMATIC LOCATION & TIME SETTING

- ♦ Integrated GPS antenna
- ♦ Automatic Radiolite positioning
- ♦ Autonomous time setting
- ♦ No time drift



EASY INSTALLATION

- ♦ Quick deployment in the field
- ♦ All components integrated within the cabinet
- ♦ Simple wiring connection on 16 mm² input/output terminals

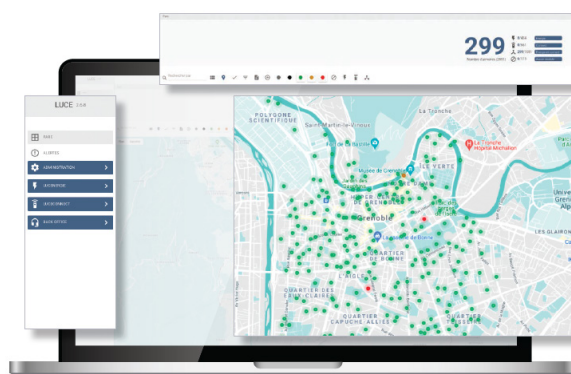
FEATURES

PROGRAMMABLE SWITCHING TIMES

- ♦ Adjustment of switching hours directly on the device: Astropak 1X1 via front panel, Astropak 4X1 via BH Box.
- ♦ Multiple scenarios possible: switch-off with or without re-lighting.
- ♦ Astropak 4X1: weekly and exceptional programming (date-to-date).

INTERACTIVE CONTROL

- ♦ Remote programming via LoRa antenna through the Luce professional platform.
- ♦ Adjustment of cut-off times, dusk offsets, and monitoring of switching events.



COMMERCIAL REFERENCES

> **L-ASTP-1X1-3100** : Mini power and switching box, Radiolite 110, GPS antenna, 16 A fuse, and 25 A contactor.

> **L-ASTP-4X1-3100** : Mini power and switching box, Radiolite 410, GPS antenna, 16 A fuse, and 25 A contactor.

> **L-ASTP-4L1-3100** : Mini power and switching box, Radiolite 410, GPS-LoRa antenna (no subscription), 16 A fuse, and 25 A contactor.

TECHNICAL DATA

Input on 2 terminals: 16 mm² N+L

Output on 2 terminals: 16 mm² N+L

Phase and neutral switching

Breaking capacity @230V: 16 A, 3100 W

Connection: Class 2

Cabinet dimensions (S50): H 270 mm × W 156 mm × D 116 mm

Protection rating: IP44

Temperature range: -20°C to +55°C

Cable entry through bottom glands

Triangle key lock

Mounting: wall or pole

