



Sapphire™ Staff Station Circulation system

Optimal Management of Valuable Library Resources

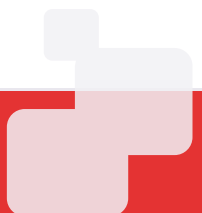
The Sapphire™ Staff Station series is specifically engineered for the conversion, programming, and identification of library labels in various resources such as books and magazines.

Technological Integration at Its Best

The Sapphire™ Staff stations are presented in three distinct versions:

1. Electromagnetic (EM) - a swift and proficient solution for activating and deactivating EM tail tags, a common requirement in libraries.
2. RFID (HF) - an efficient and rapid mechanism to read/write RFID HF tags and to modify AFI or EAS bits. Optional conversion software is available.
3. Hybrid EM & RFID - a unique blend of EM and RFID technology with optional conversion software.

Each version can function independently or in host mode.



Sapphire™ Staff Station

Circulation system

Design and functionality

The Sapphire™ staff station is characterized by its ergonomic design, the use of sustainable materials, and the incorporation of a capacitive touch panel, ensuring optimal use. The device leverages LIS™ (LED Information Service) to provide the user with detailed status updates regarding the ongoing operation.

The workpad features three distinct color modes for straightforward user guidance:

- **BLUE:** Operational
- **GREEN:** Access granted; continue the process
- **RED:** Unable to proceed

Customizable Aesthetic Option

The Sapphire Staff Stations are typically delivered in a neutral beige/grey hue. However, customization to other color palettes can be accommodated upon request.

User Manual Included

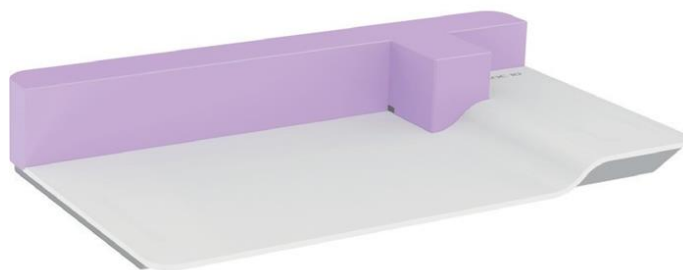
The Sapphire Staff Stations are accompanied by a comprehensive user manual, available in both English and French, ensuring easy and user-friendly operation for a diverse range of users.

Benefits:

- EM technology is known for its security and deactivation features, making it ideal for check-in/check-out materials, reducing the risk of unauthorized removal and loss of items
- The ability to operate in both stand-alone and host mode provides versatility for different library setups
- A USB interface for communication ensures the system can easily connect with a wide range of devices, facilitating quick setup and hassle-free integration with existing library technology infrastructures
- The combination of stainless steel and high-impact composite materials guarantees a robust and long-lasting solution
- The optional RFID reader expands the system's capabilities, allowing libraries to leverage RFID technology's speed and efficiency when managing their collections
- And much more!

Applications:

- Loss prevention and inventory management in libraries.



Color options:



Sapphire™ Staff Station

Specifications

Features

EM technology	●
Check-in / Check-out materials	●
Stand alone / host mode	●

● Included ○ Optional

Technical specs

Category	Brand new
Height	123 mm
Width	538 mm
Depth	368 mm
Weight	12 kg
Material	Stainless steel, high-impact composite
Functions	EM version: EM activation / deactivation: Check-in / check-out RFID (HF) version: RFID set / reset EAS or AFI bit, check-in / check-out Hybrid (EM/HF) version: EM activation / deactivation , RFID set / reset EAS of AFI bit, Check-in / check-out
Compatibility	Stand alone / host mode USB interface for communication with the library circulation software (LMS)
Check-in / Check-out materials:	Books / Magazines / Media
Standard	ISO 15693 / 18000-3 mode 1 / ISO 28560
Certifications	CE / EMC
Item protection	EM technology (EM tags)
Item identification	RFID reader (HF tags)
Unit	12 V DC 2A
Power adapter	100 – 240V, 0,55-0,3 A 60 / 50 Hz
Environmental facts	Temperature: + 10°C < > 45°C

Product reference

SKU	HYB-STS-N
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Stainless steel, high-impact composite	●
USB interface for communication	●
RFID reader (optional)	●

RFID specifications

Operating frequency	13.56 MHz
Technology	Advanced RFID technology
EAS and AFI function	Yes
RFID reader	Yes
RFID standard	ISO 15693, ISO 18000-3 mode1
RFID datamodels	Auto, ISO fixed, Danish, Alphanumeric 3M, Numeric 3M, Dutch

EM Specifications

Operating Frequency	366 Hz
Technology	EM technology (EM (de) activator)
Supported tags	All APTQ EM tags and various EM tag suppliers

Hybrid Specifications

Operating Frequency	366 Hz and 13.56 MHz
Technology	EM technology (EM (de) activator) Advanced RFID technology
Supported EM tags	All APTQ EM tags and various EM tag suppliers
EAS and AFI function	Yes
RFID reader	Yes
RFID standard	ISO 15693, ISO 18000-3 mode1
RFID datamodels	Auto, ISO fixed, Danish, Alphanumeric 3M, Numeric 3M, Dutch

With over 25 years of experience, APTQ specializes in electronic systems in Canada. Our team offers a range of quality products for loss prevention, inventory management, and cross-selling. We provide the best technologies available on the market, combined with our recognized expertise in the field, to ensure an optimal experience in every respect.

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