



To indicate the presence of an active recording system the Storm ATP Microphone Activation Sensor incorporates a highly visible and tactile microphone icon.

The device also includes an infrared (IR) proximity sensor that can be used to activate a microphone for Speech Recording or Voice Commanded applications.

Self Service Terminals equipped with voice recording, voice recognition or voice command are being increasingly deployed in public. However, this has raised concerns about privacy among members of the public and has prompted government agencies to review privacy regulations.

It is important that members of the public in the immediate vicinity of those terminals are made aware that voice capture technology is available at that location and may be active or in use. It may also be required that microphones situated in public spaces are, by default, maintained in a muted (or closed) condition until required for use.

The status of any microphone must be immediately obvious to anyone within recording range. These features are essential to maintain personal privacy and meet mandated requirements for personal data protection.

Storm Assistive Technology Products provide improved system accessibility for those with impaired vision, restricted mobility, limited dexterity or reading difficulties.

- The device enumerates as a USB Human Interface Device (no special drivers required).
- The device automatically calibrates for background IR levels on power up. (The icon illumination flashes during this calibration process).
- The IR Sensor detects the presence of a person within the 'activation zone' and sends a USB code to the host. This so the host can activate (open) a microphone at the appropriate time.
- When a person disappears from range the device sends a different USB code to the host. This so the host can mute (close) a microphone at the appropriate time.
- An API is provided so that the host can control specific features of the device:
 - Turn the Icon illumination on or off to indicate whether a microphone is active or muted.
 - Change the brightness of icon illumination to compensate for day / night background light levels
 - Customise the USB codes that are sent to the host by the device.

Microphone Activation Sensor	Part Numbers
Microphone Activation Sensor	AT01-12001
USB 2.0 Cable, 90cm long, angled mini-B male connector to Type A male connector	4500-01
Microphone Array Kit (Includes Microphone Array Module Activation Sensor & cables)	AT00-15001-KIT

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Performance

Vibration & Shock:
Impact Resistance:
Certification:
EMC:

FCC:
ESD Immunity:
EN 301 549 / ADA:

ETSI 5M3
IK09 (10J rating)
CE / FCC / UL
55032 Class B (Emissions)
55035 (Immunity)
47CFR15 Class B (Emissions)
15kV Contact and Air
Compliant

Environmental

Operational Temperature:
Weather Resistance:

-20°C to +70°C (dry)
IP65 (when panel mounted)

Specification

O/S Compatibility:

Rating
Connection:

Compatible with currently supported
versions of Microsoft Windows
5V ±0.25V (USB 2.0)
Mini USB B Socket

For more information & to order visit:
www.storm-interface.com

ATP 1400EF April 2022

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.



