

Strobe Kit Installation Guide

AND-STROBE-KIT-1



Overview

The ANetD Strobe Kit (AND-STROBE-KIT-1) includes a strobe for use as an accessory compatible with many ANetD devices.

Device Requirements

- The ANetD strobe kit is compatible with IPS32 LED display devices, IPS40 HD display devices (except the IPCSHD-DS-MB) and the ZONEC2, via connection to the device's relay output.
- We recommend a PoE+ power source when using the AND-STROBE-KIT-1.

NOTE: ANetD products require an IEEE 802.3af/at/bt compatible switch or injector to correctly classify and supply the power needed for our devices. Use of non-standard PoE powering schemes (such as 24V passive PoE) may cause damage and void your warranty.

- Test any connected peripheral before deployment (see *Programming* section).
- [Contact ANetD sales](#) with any questions on compatibility.

Wiring

Warning: Remove power prior to installation to avoid possible damage of components.

1. Set the candela slider on the back of the strobe to select 15 or 15/75. The selected value will show on the front of the strobe at bottom.



2. Use 18-22 AWG stranded or solid core wire to connect terminal 1, "-", of the strobe to the relay terminal "GND" on the device and terminal 2, "+" to "N.O." (normally open), or "PWR" (VDC output), terminal on the device. The strobe will then activate when the device triggers/enables the general purpose output. On the ZONEC2, slide the Output Mode switch to "Relay"; on an HD display device, set the Relay Common switch to "Wet (DC Voltage)".



3. Mount strobe to wall as detailed in the System Sensor Strobe installation instructions. The strobe can mount to single gang, 4" square double gang, or 4" octagon junction boxes.

Programming

Using the device's web page interface, select **Device Settings** → **Peripherals**. Set the *GPIO 0 Output Description* to "Strobe" for identification purposes.

If a configuration file is used, add these settings to the GPIO tag:

XML

```
<GPIO description_output_gpio0="Strobe" />
```

Activation

The strobe will activate when the device triggers output 0. To activate this output, use ClockWise Campus to directly control the GPIO output of the device within an event or alert, or use any of the other following methods (web page interface or configuration file). Note: if using a configuration file, reference the corresponding settings in the Configuration File Reference document on the ANetD Customer Portal. <https://portal.anetd.com/>

Audio Broadcasts (Paging or Intercom)

This method requires ClockWise Campus or other third-party software that supports paging to an ANetD device. To activate the strobe with any audio broadcast, go to **Device Settings → Peripherals** and set *GPIO 0 Output On During Audio Message* setting to "Yes." If more control is needed, in the **Device Settings → Priorities**, set **GPIO 0** to "Yes" in the Message and Audio Priorities section for the priority ranges desired. When sending audio to the strobe within a matching priority range, the strobe will activate. When the audio stream ends, the strobe will turn off. **Note:** for third-party software that does not support the ANetD priority levels, the priority level defaults to 50.

If using a configuration file:

XML

```
<GPIO while_audio_output="X1" />
```

Or

XML

```
<Priorities> <action priority="1-25" gpio0="1" /> <action  
priority="50" gpio0="1" /> </Priorities>
```

SIP Call

In **Device Settings** → **SIP**, set a valid *Extension* and *SIP Server* with which to register. In the *SIP GPIO Output Control Settings* section, set *Activate GPIO 0 During Active Call* to "Yes". When a SIP phone calls the strobe, the strobe will activate. When the call ends, the strobe will turn off.

If using a configuration file:

XML

```
<SIPConfig gpio0_when_active_call="1" />
```

SIP Ringing

In **Device Settings** → **SIP**, set a valid *Extension* and *SIP Server* with which to register. Set the *SIP Mode* to "Phone". In the *SIP GPIO Output Control Settings* section, set *Activate GPIO 0 When Ringing* to "Yes". When a SIP phone or ring group calls the strobe's extension, the strobe will activate. When the ringing stops, the strobe will turn off.

If using a configuration file:

XML

```
<SIPConfig gpio0_when_ringing="1" />
```

Line-In Audio

For models that support line-in audio, in **Device Settings** → **Audio**, under the *Line-In Audio Settings* section, set *Line In Activate GPIO 0 When Line In Active* to "Yes" so that the strobe activates when the device detects the line-in audio signal. Set the *Line In Volume* and *Line In Audio Detection Level* to non-zero values. Note that a line-in signal source must connect to the "In L" and "GND" inputs on the board.

If using a configuration file:

XML

```
<LineIn volume="8.000" gpio0_when_active="1" />
```

SNMP

SNMP set commands can turn the strobe on and off. In **Device Settings → Network**, set the *SNMP Write Community* name for writing to the device from a MIB browser or other SNMP software. In the SNMP software interface, access *gpioOutputControl.1 (OID .1.3.6.1.4.1.39866.3.1.4.11.1.21.1)*, and set to "1" to turn on the strobe, "0" to turn off the strobe.

You can also use SNMP to monitor the state of the strobe. In **Device Settings → Peripherals**, set *GPIO 0 Output Transitions Send SNMP Trap* to "Yes". On **Device Settings → Network**, add the IP address and community name for a trap manager. The device will now send an SNMP trap to the configured manager when the strobe goes on or off.

If using a configuration file (with *nameTBD* and *10.10.3.4* provided only as example):

XML

```
<GPIO snmp_trap_for_output_gpio0="1"/> <SNMP  
write_community="nameTBD" read_community="public">  
<TrapManager addr="10.10.3.4" port="162" pdu_version="2"  
community="nameTBD"/> </SNMP>
```

Contact Closure Input

In **Device Settings → Peripherals**, set *Activate GPIO 0 During GPIO 0 Input* or *Activate GPIO 0 During GPIO 1 Input* to "Yes", depending on the input connected (0 or 1 respectively). When the input detects the contact closure, the strobe will activate. When the contact opens, the strobe will turn off.

If using a configuration file:

XML

```
<GPIO gpio0_when_input_gpio0="1"  
gpio0_when_input_gpio1="1"/>
```

Additional Resources

Support Center: <https://anetd.com/resources/>

Documentation: <https://anetd.com/resources/documentation/>

ANetD Warranty: <https://anetd.com/warranty>

ANetD Legal Disclaimer: <https://anetd.com/legal/>

3820 Ventura Drive, Arlington Heights IL 60004
www.anetd.com | tech@anetd.com | [847-463-2236](tel:847-463-2236)

