

The following instructions should be followed for IPSWD/IPSWD-RWB installations:

A ferrite is included if there is concern over line performance. Wrap Cat 5 cable around ferrite once and clamp shut.

Surface Mount Install (uses IPS-SM1 surface mount rear enclosure)

1. Remove rear enclosure, IPS-SM1, from packaging.
2. If running conduit or wiremold to the enclosure, break open the top or bottom wiremold knockout as desired.
3. Place enclosure or mounting template on wall surface, over the Cat 5 cable access port if not running cable along the exterior wall, and mark the desired hole pattern to be drilled using the holes provided in the enclosure surface back.
4. Set enclosure aside and drill pilot holes for anchors or screws to be used on mounting surface.
5. Install anchors (not provided) if used.
6. Feed Cat 5 cable through access port in the enclosure and then fasten the enclosure to the wall surface at the prepared locations using screws (not provided). Tighten securely.
7. If using wiremold, complete the Cat 5 cable run to the enclosure.
8. Remove front baffle assembly, IPSWD or IPSWD-RWB, from packaging.
9. Remove bag of screws from rear speaker magnet.
10. Complete any additional wiring for accessories, then connect the Cat 5 cable to Ethernet jack J3 on the circuit board. (see Figure A)
11. Place front baffle assembly over the enclosure and thread the four provided screws through the baffle and into the enclosure at the four corners of the baffle. Tighten securely.

Flush Mount Install (uses IPS-FM1 flush mount enclosure)

1. Remove rear enclosure, IPS-FM1, from packaging.
2. If wall surfaces are already installed, place enclosure on wall surface adjacent to a stud and trace the perimeter of the enclosure. Cut a hole in the wall along the traced perimeter.
3. Break open the appropriate knockout for the conduit or cable run.
4. Place one side of enclosure on a stud and mark desired pilot holes within the 3 slots provided.
5. Set enclosure aside and drill pilot holes for the screws to be used on the mounting surface.
6. Place enclosure on the stud over the pilot holes and thread screws (not provided) into the stud. Tighten securely.
7. Complete the Cat 5 cable run into the enclosure.
8. Remove front baffle assembly, IPSWD or IPSWD-RWB, from packaging.
9. Remove bag of screws from rear speaker magnet.
10. Complete any additional wiring for accessories, then connect the Cat 5 cable to Ethernet jack J3 on the circuit board. (see Figure A)
11. Place front baffle assembly over the enclosure and thread the four provided screws through the baffle and into the enclosure at the four corners of the baffle. Tighten securely.

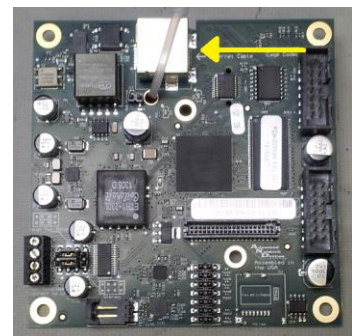








Figure A

Device Operation

1. Connect the other end of the network cable to a PoE (Power over Ethernet) network switch, or a PoE injector, on a network with a DHCP server. Some equipment options are listed on the support site: www.anetdsupport.com/peripherals.
2. If properly installed, the unit should boot and show the time within 30 seconds. See *Boot Sequence* below for details.
3. Consult the [Clockwise User manual](#) (see www.anetdsupport.com/documents) or 3rd party software guide for further instructions on sending audio and text to the device.

Boot Sequence

When first powered, if properly installed, the device should boot and then display the time, as follows:

1		This is the 1st screen seen, and you will hear the AND jingle during it. This screen should come on within 1-2 seconds of powering on the device.
2		This indicates the current firmware the device is equipped with.
3		The network MAC address of the device. This is configured at the factory.
4		The device is now looking for a DHCP server among other things. If it hangs in this state, there is a good chance there is a network problem (cable, switch, ISP, DHCP, etc.).
5		The IP address of the device. This is network specific, and depends what DHCP assigns it or static if configured as such. You should hear an audio beep during this stage.
6		Once all initialization is done, the time will be displayed. If just a colon is displayed, it is alive, but cannot find the time. Check the NTP server settings and check that the Internet connection is working.