BLACK BOX

ACR500DP-T
ACR500DV-T
ACR500VG-T

Agility Zero U Transmitter

Quick Start

Safety information

- For use in dry, oil free indoor environments.
- Not suitable for use in hazardous or explosive environments or next to highly flammable materials.
- No user serviceable parts are contained within the module - do not dismantle.

Radio Frequency Energy

All interface cables used with this equipment must be shielded in order to maintain compliance with radio frequency energy emission regulations and ensure a suitably high level of immunity to electromagnetic disturbances.

European EMC directive 2014/108/EC

This equipment has been tested and found to comply with the limits for a class A computing device in accordance with the specifications in the European standard EN55032. In a residential environment, this equipment may cause radio interference.

FCC Compliance Statement (United States)

This equipment generates, uses and can radiate radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio communication. It has been tested and found to comply with the limits for a class A computing device in accordance with the specifications part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area may cause interference, in which case the user at his own expense will be required to take whatever measures may be necessary to correct the interference. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Canadian Department of Communications RFI statement

This equipment does not exceed the class A limits for radio noise emissions from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le règlement sur le brouillage radioélectriques publié par le ministère des Communications du Canada.

We're here to help! If you have any questions about your application or our products, contact Black Box Tech Support at 877-877-2269 or go to blackbox.com and click on "Talk to Black Box." You'll be live with one of our technical experts in less than 60 seconds.

Welcome

This quick start guide covers some of the key points of the Agility Zero U Transmitter. Full user details and setup instructions can be found within the Support section at **www.blackbox.com**

Initial configuration

Please see the next page for **Connection** details.

Agility units can be linked in two main ways: Direct or Networked.

Direct linking

Where Agility transmitters and receivers are directly linked to each other, very little configuration action is required, provided that they both have their factory default settings in place - just link them together. If the standard settings have been changed in a previous installation, you merely need to perform a **manual factory reset** on each unit. Please see the next page for further details.
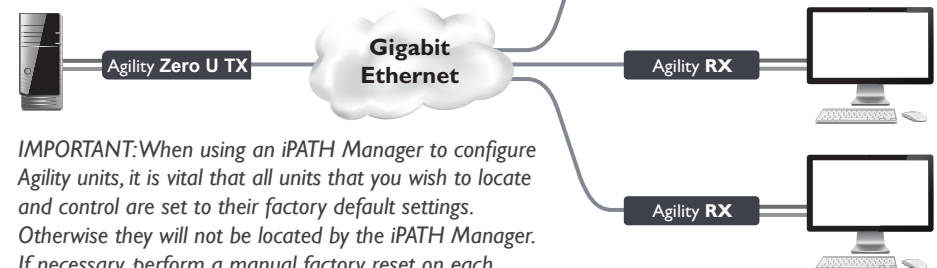

Networked linking

Where Agility units are connected via networked links, you can either configure them individually, or configure them collectively using an iPATH Manager:

- **Configuring networked Agility units individually** - You need to specify the network addresses of the Agility units so that they can locate each other. This is done by running the Agility browser-based configuration utility on a computer system linked to the same network as the Agility units. Please see the next page for further details.

- **Configuring networked Agility units collectively** - The iPATH Manager allows you to configure, control and coordinate any number of Agility transmitters and receivers from a single application. See blackbox.com for details.
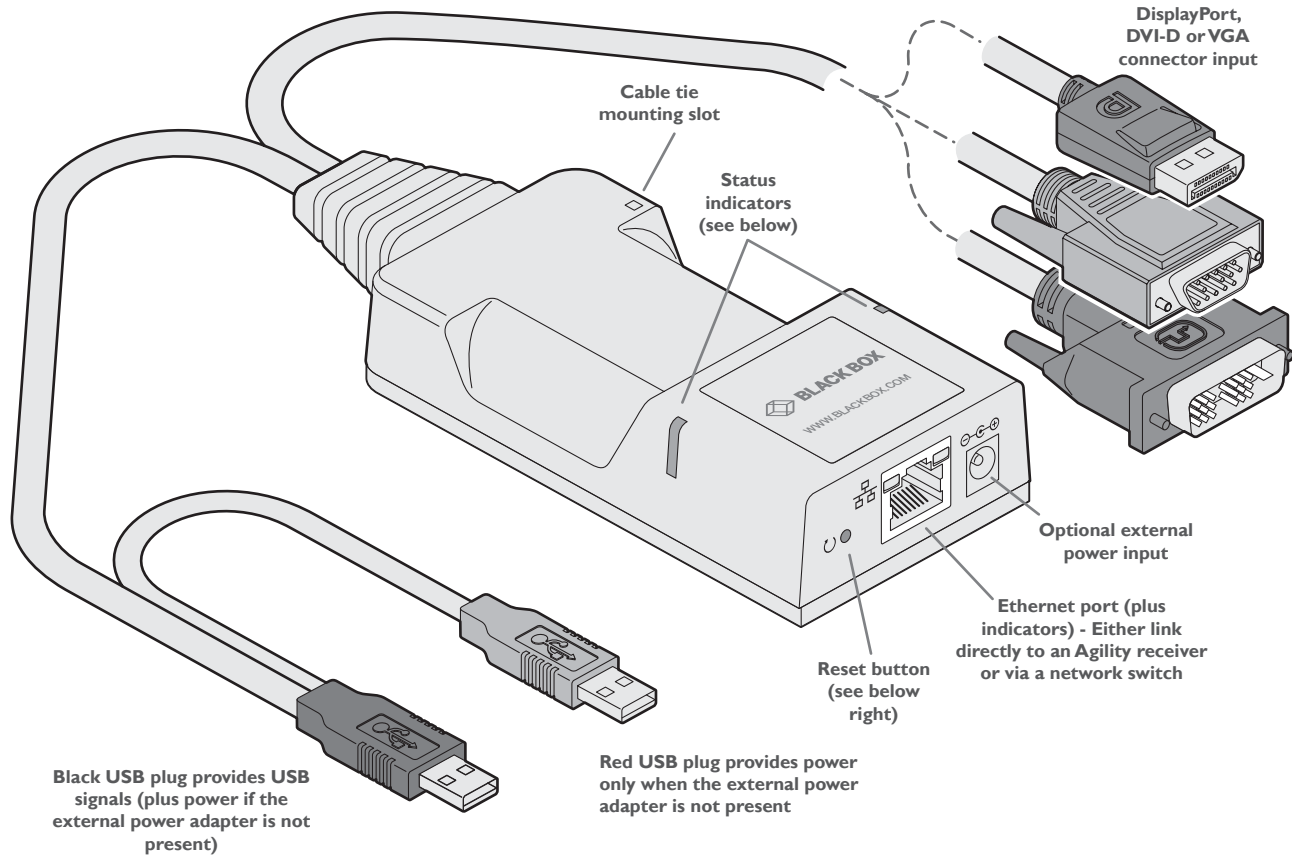
Note: If you are using one or more Agility Zero U Transmitters within an installation managed by an iPATH Manager, the iPATH Manager must be running firmware version 4.7 or above.

IMPORTANT: When using an iPATH Manager to configure Agility units, it is vital that all units that you wish to locate and control are set to their factory default settings. Otherwise they will not be located by the iPATH Manager. If necessary, perform a manual factory reset on each Agility unit. See next page.

Connections

DisplayPort, DVI-D or VGA connector input

Cable tie mounting slot

Status indicators (see below)

Optional external power input

Ethernet port (plus indicators) - Either link directly to an Agility receiver or via a network switch

Reset button (see below right)

Black USB plug provides USB signals (plus power if the external power adapter is not present)

Red USB plug provides power only when the external power adapter is not present

Main status indicators

- Off — No power.
- Green — Operating - Video, USB and network link all present.
- Orange — Operating - But video, USB and/or network link missing.
- Red — (momentarily) Unit is booting up, or (consistently) Unit has failed, try rebooting.
- Red/green flashing — Unit is in backup mode.
- Blue — Factory reset has been activated.
- Red/blue flashing — Unit is in upgrade mode.
- Fast green flash — Unit is in identify mode.

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Browser-based configuration utility

Use this utility when configuring the Agility Zero U Transmitter to work with Agility receivers which are linked via a network. You will need to use a computer connected to the same network as the Agility Zero U Transmitter (you can also connect them directly).

To access the browser-based configuration utility

Run a web browser on your computer and enter the standard IP address of the Agility Zero U Transmitter:

169.254.1.33

*Note: If the IP address of the Agility Zero U Transmitter has been changed and is not known, providing it is appropriate to do so, perform a **manual factory reset** (see below) to restore the default address.*

The opening page of the Agility configuration utility should be displayed:

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ServSwitch Agility™
BLACK BOX KVMoIP EXTENDER

LOCAL
ACR500DV-T

System Configuration
Video Configuration
USB Settings
Security
iPath Manager
System Messages
Statistics
Firmware Upgrade
Reboot
About

Unit configured locally, iPath control disabled

System Configuration

System Configuration

Unit Name — Name

Unit Description — Description

System IP Address — 169.254.1.33

System Netmask — 255.255.0.0

Full user details and setup instructions can be found in the Support section at:
www.blackbox.com

To perform a manual factory reset

A factory reset returns the Agility Zero U Transmitter to its default configuration.

1 Power on the Agility Zero U Transmitter module.

2 Use a narrow implement (e.g. a straightened-out paper clip) to press-and-hold the recessed reset button on the front panel for roughly fifteen seconds, until the status indicators turn **blue** *(Note: alternating red/green indications will occur during the fifteen second period while the button is still pressed).*

3 Release the reset switch. The indicators will remain **blue** for a short while (less than ten seconds) while the Agility Zero U Transmitter configures itself and should then change to **green** if all connections are correct; or **orange** if one or more of the video, USB and/or network links are missing.

NOTE: If you are performing a factory reset and intend to disconnect the power immediately after the reset, you must wait at least 30 seconds after you have released the reset button for it to complete the process.