



# OmniStream IP / Analog Audio Bridge

---

Application Programming Interface

AT-OMNI-232

Atlona Manuals  
**OmniStream**

## Version Information

---

| Version | Release Date | Notes           |
|---------|--------------|-----------------|
| 1       | Feb 2017     | Initial release |

## Table of Contents

---

|                 |          |
|-----------------|----------|
| <b>Commands</b> | <b>4</b> |
| Unit            | 4        |
| Audio           | 7        |

# Commands

---

## Unit

Commands are sent using UDP on port 49494

Each command is case sensitive, do not change: capitalization, spacing, or lettering

Each command is terminated with a carriage return

If the command fails or is incorrect the feedback should be "NACK command"

| Command  | Description                                    |
|----------|--|
| Blink    | Blinks the power LED on the unit's front panel |
| Blink ms | Sets how long the front panel power LED blinks |
| GetMAC   | Displays the MAC address of the unit           |
| Model    | Displays the unit SKU                          |
| Mreset   | Sets the unit back to factory default          |
| Query    | Displays the settings of the unit              |

## Blink

Blinks the power LED on the unit's front panel

### Syntax

Blink **X**

| Parameter | Description | Range           |
|-----------|-------------|-----------------|
| X         | State       | 0 (off), 1 (on) |

### Example

Blink 1

### Feedback

ACK Blink 1

## Blink ms

Sets how long the front panel power LED blinks

### Syntax

Blink **Xms**

| Parameter | Description | Range        |
|-----------|-------------|--------------|
| X         | Duration    | up to 65,535 |

### Example

Blink 30,000ms

### Feedback

ACK Blink 30,000ms

## GetMAC

Displays the MAC address of the unit

### Syntax

GetMAC

### Example

GetMAC

### Feedback

ACK XX:XX:XX:XX:XX:XX

## Model

Displays the unit SKU

### Syntax

Model

### Example

Model

### Feedback

ACK Model = AT-OMNI-232

## Mreset

Sets the unit back to factory default

Syntax

Mreset

### Example

Mreset

### Feedback

ACK Mreset

## Query

Displays the settings of the unit

Syntax

Query

### Example

Query

### Feedback

ACK Query VIN1=# VIN2=# VOUT1=# VOUT2=#  
VOUTMute1=# VOUTMute2=# MicPP1=# # MicPP2= # #  
Blink=#

## Audio

Commands are sent using UDP on port 49494

Each command is case sensitive, do not change: capitalization, spacing, or lettering

Each command is terminated with a carriage return

If the command fails or is incorrect the feedback should be "NACK command"

| Command  | Description                                     |
|----------|---|
| MicPP    | Turns phantom power on/off for each input       |
| Recall   | Loads the previously saved settings             |
| Save     | Saves the current audio settings to memory      |
| VIN      | Adjust the gain of the audio input channels     |
| VOUT     | Adjusts the volume level of the output channels |
| VOUTMute | Mutes/unmutes the output audio channels         |

## MicPP

Turns phantom power on/off for each input

### Syntax

MicPP **X Y**

| Parameter | Description | Range           |
|-----------|-------------|-----------------|
| X         | Channel     | 0 (both), 1, 2  |
| Y         | State       | 0 (off), 1 (on) |

### Example

MicPP 1 1

### Feedback

ACK MicPP 1 1

## Recall

Loads the previously saved settings

### Syntax

Recall **X**

| Parameter | Description | Range  |
|-----------|-------------|--------|
| X         | Save #      | 0 to 9 |

### Example

Recall 1

### Feedback

ACK Recall 1

## Save

Saves the current audio settings to memory

### Syntax

Save **X**

| Parameter | Description | Range  |
|-----------|-------------|--------|
| X         | Memory #    | 0 to 9 |

### Example

Save 3

### Feedback

ACK Save 3



## VIN

Adjust the gain of the audio input channels

### Syntax

VIN **X Y**

| Parameter | Description | Range  |
|-----------|-------------|--|
| X         | Channel     | 0 (both), 1, 2                                 |
| Y         | Level       | -16.9, -1.9, 0.0, 13.1, 15.0, 28.1, 30.0, 45.0 |

### Example

VIN 1 15.0

### Feedback

ACK VIN 1 15.0

## VOUT

Adjusts the volume level of the output channels

### Syntax

VOUT **X Y**

| Parameter | Description | Range          |
|-----------|-------------|----------------|
| X         | Channel     | 0 (both), 1, 2 |
| Y         | Level       | -60 to 0       |

### Example

VOUT 0 -30

### Feedback

ACK VOUT 0 -30

## VOUTMute

Mutes/unmutes the output audio channels

### Syntax

VOUTMute **X Y**

| Parameter | Description | Range           |
|-----------|-------------|-----------------|
| X         | Channel     | 0 (both), 1, 2  |
| Y         | State       | 0 (off), 1 (on) |

### Example

VOUTMute 0 1

### Feedback

ACK VOUTMute 0 1

