

## NAD Electronics

### C368 Command List (RS232 and Ethernet)

#### Notes

- Send a Carriage Return <CR> before and after each command
- In addition to using the <=> operator, each [Prefix].[Variable] can be incremented, decremented, or queried by using <+>, <->, or <?> operators.

#### Main.Action

Operators: =/+/-/?

##### Possible Values:

BluOSServiceMode  
BluOSUpgrade  
BluOSFactoryReset  
FactoryReset

Description: BlueOS Service Mode (if card present)

Example: <CR>Main.Action=BluOSServiceMode<CR>

#### Main.AutoSense

Operators: =/+/-/?

##### Possible Values:

On  
Off

Description: Turn Amp on when signal sensed

Example: <CR>Main.AutoSense=On<CR>

#### Main.AutoStandby

Operators: =/+/-/?

##### Possible Values:

Off  
On

Description: Do not automatically power off

Example: <CR>Main.AutoStandby=Off<CR>

#### Main.Balance

Operators: =/+/-/?

##### Possible Values:

0  
-7.0L  
-7.0R

Description: Range -7L .. 0 .. -7R

Example: <CR>Main.Balance=0<CR>

#### Main.Bass

Operators: =/+/-/?

##### Possible Values:

Range -7 - 7

Description: Set bass

Example: <CR>Main.Bass=-7<CR>

## Main.Brightness

Operators: =/+/-/?

Possible Values:

1  
2  
3

Description: LCD and Standby LED brightness

Example: <CR>Main.Brightness=1<CR>

## Main.BT.Name

Operators: =/+/-/?

Possible Values:

String

Description: Set the Bluetooth Friendly name

Example: <CR>Main.BT.Name=String<CR>

## Main.BTWorkMode

Operators: =/+/-/?

Possible Values:

Source  
Sink

Description: AMP is the audio source

Example: <CR>Main.BTWorkMode=Source<CR>

## Main.DigitalOut.Rate

Operators: =/+/-/?

Possible Values:

48  
192  
96

Description: Set the digital out sample rate

Example: <CR>Main.DigitalOut.Rate=48<CR>

## Main.Filters

Operators: =/+/-/?

Possible Values:

Full Range  
High Pass

Description: Main outputs are full range

Example: <CR>Main.Filters=Full Range<CR>

## Main.IR.Channel

Operators: =/+/-/?

Possible Values:

Range 0 - 4

Description: Set the IR Channel for the front IR sensor

Example: <CR>Main.IR.Channel=0<CR>

## **Main.ListeningMode**

Operators: =/+/-/?

### Possible Values:

Reversed  
Stereo  
Mono

Description: Listening Mode

Example: <CR>Main.ListeningMode=Reversed<CR>

## **Main.Model**

Operators: ?

N/A

Description: Returns model M12

Example: <CR>Main.Model?<CR>

## **Main.Mute**

Operators: =/+/-/?

### Possible Values:

On  
Off

Description: Turn mute on

Example: <CR>Main.Mute=On<CR>

## **Main.Polarity**

Operators: =/+/-/?

### Possible Values:

Positive  
Negative

Description: Set polarity Positive

Example: <CR>Main.Polarity=Positive<CR>

## **Main.Power**

Operators: =/+/-/?

### Possible Values:

On  
Off

Description: Turn power on

Example: <CR>Main.Power=On<CR>

## **Main.PreoutSub**

Operators: =/+/-/?

### Possible Values:

PreOut  
Subwoofer

Description: Subwoofer output becomes full range

Example: <CR>Main.PreoutSub=PreOut<CR>

<b>Main.Source</b>	Operators: =/+/-/?
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Possible Values:

Range 1 - 10

Description: Range depends on source count (Main.Sources)

Example: <CR>Main.Source=1<CR>

<b>Main.Sources</b>	Operators: ?
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N/A

Description: Returns the total number of sources depending on what MDC cards are installed.

Example: <CR>Main.Sources?<CR>

<b>Main.SpeakerA</b>	Operators: =/+/-/?
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Possible Values:

On

Off

Description: Turn Speaker A On

Example: <CR>Main.SpeakerA=On<CR>

<b>Main.SpeakerB</b>	Operators: =/+/-/?
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Possible Values:

Off

On

Description: Turn Speaker B Off

Example: <CR>Main.SpeakerB=Off<CR>

<b>Main.ToneDefeat</b>	Operators: =/+/-/?
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Possible Values:

Off

On

Description: Turn tone controls on

Example: <CR>Main.ToneDefeat=Off<CR>

<b>Main.Treble</b>	Operators: =/+/-/?
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Possible Values:

Range -7 - 7

Description: Set treble

Example: <CR>Main.Treble=-7<CR>

<b>Main.Version</b>	Operators: ?
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N/A

Description: Query firmware version

Example: <CR>Main.Version?<CR>

**Main.Volume**

Operators: =/+/-/?

Possible Values:

Range -70 - 10

Description: Volume

Example: &lt;CR&gt;Main.Volume=-70&lt;CR&gt;

**Main.VolumeDisplayMode**

Operators: =/+/-/?

Possible Values:

Percent

Decibel

Description: Show volume as a percent

Example: &lt;CR&gt;Main.VolumeDisplayMode=Percent&lt;CR&gt;

**Source1.ADCSampleRate**

Operators: =/+/-/?

Possible Values:

192

96

48

Description: This only applies to analog sources. For Phono inputs the value is fixed at 48.

Example: &lt;CR&gt;Source1.ADCSampleRate=192&lt;CR&gt;

**Source1.AnalogGain**

Operators: =/+/-/?

Possible Values:

Range -20 - 0

Description: This only applies to analog sources and is similar to the "Balance.Leveltrim" and "Single\_Ended.Leveltrim" variables of the C390. The valid values of this variable depend on the input type.

Example: &lt;CR&gt;Source1.AnalogGain=-20&lt;CR&gt;

**Source1.Enabled**

Operators: =/+/-/?

Possible Values:

Yes

No

Description: This is actually multiple variables, one for each source. Example: Source5.Enable

Example: &lt;CR&gt;Source1.Enabled=Yes&lt;CR&gt;

**Source1.Name**

Operators: =/+/-/?

Possible Values:

String

Description: Set the source name

Example: &lt;CR&gt;Source1.Name=String&lt;CR&gt;