



## Technical Documentation

### Applies to INF5512AG, INF5522AG, INF7510AG, INF7520AG, INF7530(e)AG, INF8610AG, INF8620AG, and INF8630(e)AG models

#### Introduction:

RS-232 is a communication protocol that can be used to send commands and retrieve status information from the unit and other RS-232 enabled devices. This is often used in conjunction with a control system capable of managing several other systems such as audio, lighting, and video switching systems.

#### Configuration:

Setting	Value
Bits per second	38400 baud rate
Data Bits	8
Parity	None
Stop bits	1
Flow Control	None

#### Required Cable:

Straight through DB9 cable – male to female

#### Minimum timing requirements:

- 300ms between commands
- 10ms character delay
- 20 second delay after a Power Off is initiated
- 1 second delay after a source change is initiated
- When displaying the Android (Home) screen, you must use the Exit Android command first before using a discrete source command.

#### Control Commands

POWER_Off	69	76	20
POWER_On	69	53	43
ENTER	69	07	8F
MUTE	69	37	5F
VOL+	69	82	14
VOL-	69	85	11
SOURCE	69	19	7D
MENU	69	80	16
LEFT	69	63	33
RIGHT	69	66	30
DOWN	69	43	53
UP	69	46	50

#### Query Commands

Get power status	79	33	53
Get source status	69	18	7E

#### Discrete Source commands

AV	89	55	0D	14
YPbPr	89	55	04	1D
VGA	89	65	03	0E
HDMI	89	65	0E	03
HDMI1	89	65	05	0C
HDMI2	89	65	07	0A
HDMI3	89	65	09	08
HDMI4	89	65	0B	06
OPS	89	65	0D	04
FREEZE	89	55	06	1B
Android (Home)	89	65	06	0B
Exit Android (Home)	89	15	53	0E