

Commands are received as 9600 baud 8 data bits one stop bits on an RS232 interface.
 The input connector is a female DB9 with DCE pinout only RX, TX and GND are connected.

Command strings is acted upon on receipt of a line feed (LF = 0x0A).

The unit ignores carriage returns (CR = 0x0D).

This gives possible delimiters of LF or CR LF or LF CR

If the unit accepts the command it echos back the command preceded by ACK-->

If the unit rejects the command it echos back the command preceded by NACK->

The commands generally have a increment / decrement / toggle method along with a direct access version.

REF PH3 RS232 COMMANDS

Comand String	Variable Parameter	Normal Function
POWER TOGGLE		Toggles unit power on and off
POWER ON		Turns unit power on
POWER OFF		Turns unit power off
MUTE TOGGLE		Toggles Mute mode
MUTE ON		Turns Mute on
MUTE OFF		Turns Mute off
DISPLAY UP		Brightens Display
DISPLAY DOWN		Dims Display
DISPLAY DIM		Sets to lowest setting
DISPLAY NORMAL		Sets to normal setting
DISPLAY SET	Values 1 to 7	Sets display brightness directly
GAIN HIGH		Sets Gain to High
GAIN LOW		Sets Gain to Low
LOAD 47K		Sets Load to 47K
LOAD 1000		Sets Load to 1000
LOAD 500		Sets Load to 500
LOAD 200		Sets Load to 200
LOAD 100		Sets Load to 100
LOAD 50		Sets Load to 50
LOAD CUSTOM		Sets Load to Custom
EQUALIZATION RIAA		Sets Equalization to RIAA
EQUALIZATION COLUMBIA		Sets Equalization to Columbia
EQUALIZATION DECCA		Sets Equalization to DECCA
AUTOSHUTDOWN OFF		Turns off Autoshutdown
AUTOSHUTDOWN ON	Values 1 to 8	Turns on Autoshutdown for specified hours
INPUT UP		Selects the next input in sequence
INPUT DOWN		Selects the previous input in sequence
INPUT SET 1		Directly selects the specified input
INPUT SET 2		Directly selects the specified input

MENU	Menu button press
OPTION	Option button press
ENTER	Enter button press
SET FACTORY DEFAULTS	Returns system to factory default settings.
STATUS ALL ?	Returns all status values except version
POWER ?	Returns Power Status, ON, Off or Warming up
MUTE ?	Returns Mute state
INPUT ?	Returns current input
GAIN ?	Returns current gain setting
LOAD ?	Returns current load setting
EQUALIZATION ?	Returns current equalization setting
AUTOSHUTDOWN ?	Returns current Autoshutdown setting
TUBE HOURS ?	Returns number of tube hours
VERSION ?	Returns product and version number of software