



# MAX12

## MAX12/KIT

### RS232 Commands and Protocol

Baud Rate	9600
Data Bit	8
Stop Bit	1
Parity	None

Command Mode:

Control structure to send a command is:

<xxPPyy/

Reply from command is:

>xxPPyy/

< = prefix at the beginning of each action command

Xx = Control ID Code (see table below)

PP = Type of command being sent

Yy = Action command

/ = Carriage Return

Example: <11CH01/ sets Zone 1 to Source 1 on the Master Unit

ID Code:

Master	41	2nd Unit	42	3rd Unit	43
Zone 1	11	Zone 7	21	Zone 13	31
Zone 2	12	Zone 8	22	Zone 14	32
Zone 3	13	Zone 9	23	Zone 15	33
Zone 4	14	Zone 10	24	Zone 16	34
Zone 5	15	Zone 11	25	Zone 17	35



# MAX12

Zone 6	16	Zone 12	26	Zone 18	36
ALL	10	ALL	20	ALL	30

## Control Commands:

PP: Stands for control action code.

PR: Power control      PR00:Power off PR01:Power on

MU: Mute control      MU00:Mute off      MU01:Mute on

DT: Do Not Disturb    DT00:DT Control off    DT01:DT control on

VO: Volume control    VO(00-38)

TR: Treble control    TR(00-14)      TR00= -7; TR07=0; TR14=7

BS: Bass control      BS(00-14)      BS00= -7; BS07=0; BS14=7

BL: Balance control    BL(00-20)      BL00= Left 10; BL10=0; BL20= Right 10

CH: Source Channel control      CH(01-06):Select or Control Inputs

Inquiry command:      Structure to send an inquiry command is: ?xx/

? =      prefix at the beginning of each inquiry command

xx=      Control ID Code

/ =      Carriage Return

NOTE: FOR AN INQUIRY OF A SPECIFIC FUNCTION USE: ?xxPP/

PP=      Control Action Command

Reply Command:      Structure of reply to a control system: >xxaabccddeeffgghhiijj/



# MAX12

- aa: PA control status
  - bb: Power control status
  - cc: Mute control status
  - dd: DT control status
  - ee: Volume control status
  - ff: Treble control status
  - gg: Bass control status
  - hh: Balance control status
  - ii: Source control status
  - jj: keypad connecting status
- (00:disconnect 01:connected)

Name Change Command:                      Structure to rename a source: x<\*\*\*\*\*>/

Needs to be 8 valid ASCII bytes

X =      Source number (1-6)

\*\*=      Name

/ =      Carriage Return

NOTE: THIS CAN ALSO BE DONE WITHIN THE iOS AND ANDROID CONTROL APP WITHOUT COMMANDS AND CODING.