

MAP-1200PRE RS-232 CONTROL CODES

(Baud Rate: 9600,8,N,1 , DB9 Connector Pin out, Tx, Rx, GND)

'CR':Carriage Return (0x0D)

Not case sensitive

Control Command Structure <xxPPuu'CR'

Reply Control Command Structure >xxPPuu'CR'

xx: Represent control command code

10 :All zones of host computer 1

20 :All zones of host computer 2

30 :All zones of host computer3

11 : Zone1 of host computer 1

12 : Zone2 of host computer 1

13 : Zone3 of host computer 1

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PP: Represent 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 control

DT00:DT control off

DT01:DT control on

VO:Volume control

VO(00-38):Volume control

TR:Treble control

TR(00-14):Treble control

BS:Bass control

BS(00-14):Bass control

BL:Balance control

BL(00-20):Balance control

CH:Source Channel control

CH(01-06):Source control

Ask command structure(1) ?xx'CR'

xx: Represent control command code

10 :All Zones of host computer 1

20 :All Zones of host computer 2

30 :All Zones of host computer 3
11 :Zone1 of host computer1
12 :Zone2 of host computer1
13 : Zone3 of host computer1
21 : Zone1 of host computer2
22 : Zone2 of host computer2
23 : Zone3 of host computer2

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Reply Command: >xxaabbccddeeffgghhijj'CR'

aa:PA Control status

bb:Power Control status ([5]:Backup Zone Power Status (only on zone))

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:The connection status of line control(00:unconnected 01:connected)

Ask command structure (2) ?xxPP'CR'

xx: Control Command Structure

10 :All Zones of host computer 1

20 :All Zones of host computer 2

30 :All Zones of host computer 3

11 : Zone1 of host computer 1

12 : Zone2 of host computer 1

13 : Zone3 of host computer 1

14 : Zone4 of host computer 1

15 : Zone5 of host computer 1

16 : Zone6 of host computer 1

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PP: Represent Control action code

PA:PA Control

PR:Power Control

MU:Mute Control

DT:DT Control

VO:Volume Control

TR:Treble Control

BS:Bass Control

BL:Balance Control

CH:Source Control

LS: The connection status of line control

Reply command: >xxPPuu'CR'

Enter1<*****'CR' Change Source 1 display name,*****It must be 8 effective

ASCII code

Enter2<*****'CR' Change Source 2 display name

Enter 3<*****'CR' Change Source 3 display name

Enter 4<*****'CR' Change Source 4 display name

Enter 5<*****'CR' Change Source 5 display name

Enter 6<*****'CR' Change Source 6 display name

Enter M<*****'CR' Change display name of connect control when it starts

Enter <9600'CR' Change RS232 to rate 9600

Enter <19200'CR' Change RS232 to rate 19200

Enter <38400'CR' Change RS232 to rate 38400

Enter <57600'CR' Change RS232 to rate 57600

Enter <115200'CR' Change RS232 to rate 115200

Enter <230400'CR' Change RS232 to rate 230400

When unplugging and re-plugging the AC power cord, the Baud speed rate will return to 9600.

REPRESENT OF CONTROL ACTION CODE

Symbol	Master、 Slave1、 Slave2	Zone	Controlactioncode	ControlRange
<	1、 2、 3	1-6	PR(POWER)	(00-01)
<	1、 2、 3	1-6	MU(MUTE)	(00-01)
<	1、 2、 3	1-6	CH(SOURCE)	(01-06)
<	1、 2、 3	1-6	VO(VOLUME)	(00-38)
<	1、 2、 3	1-6	TR(TREBLE)	(00-14)
<	1、 2、 3	1-6	BS(BASS)	(00-14)
<	1、 2、 3	1-6	BL(BALANCE)	(00-20)

EXAMPLES OF RS-232 COMMAND CODE

AllZoneON	<10PR01	Zone1ON	<11PR01
AllZoneOFF	<10PR00	Salve1/Zone1OFF	<21PR00
AllZoneMuteON	<10MU01	Zone6MuteON	<16MU01
AllZoneMuteOFF	<10MU00	Salve2/Zone5MuteOFF	<35MU00
AllZoneSource01	<10CH01	Zone1Source01	<11CH01
AllZoneSource06	<10CH06	Zone6Source06	<16CH06
AllZoneVolume00	<10VO00	Zone1Volume00	<11VO00
AllZoneVolume38	<10VO38	Zone6Volume38	<16VO38
AllZoneTreble(-7)	<10TR00	Zone1Treble(-7)	<11TR00
AllZoneTreble(0)	<10TR07	Zone1Treble(0)	<11TR07
AllZoneTreble(7)	<10TR14	Zone1Treble(7)	<11TR14
AllZoneBass(-7)	<10BS00	Zone6Bass(-7)	<16BS00
AllZoneBass(0)	<10BS07	Zone6Bass(0)	<16BS07
AllZoneBass(7)	<10BS14	Zone3Bass(7)	<13BS14
AllZoneBalance(atLeftCH)	<10BL00	Zone1Balance(atLeftCH)	<11BL00
AllZoneBalance(atMiddle)	<10BL10	Zone1Balance(atMiddle)	<11BL10
AllZoneBalance(atRightCH)	<10BL20	Zone1Balance(atRightCH)	<11BL20
InquiryMasterAllZoneStatus	?10	InquirySlave1AllZoneStatus	?20

INQUIRY COMMAND STRUCTURE

Symbol	Master、Salve1、Salve2	Zone
?	1、2、3	1-6

InquiryMasterAllZoneStatus	?10
InquirySlave1AllZoneStatus	?20
InquirySlave2AllZoneStatus	?30

REPLY COMMAND

>xxaabbccddeeffgghhijj xx:Unit/Zone

>1100000000200707100100 aa:PAINStatus

 bb:PowerStatus

 cc:MuteStatus

 dd:DTStatus

 ee:VolumeStatus

 ff:TrebleStatus

 gg:BassStatus

 hh:BalanceStatus

 ii:SourceStatus

 jj:KeypadConnectionStatus(00:Unconnected,01:Connected)