

Primare SPA25 RS232 Command List

Function	Command sequence	Description	Reply from device	Require
Protocol Settings Baud Rate: 115200 Data bits: 8 Parity: None Stop bits: 1 Tested with v2.08 2023-02-23	Command structure Commands are sent to the device using the following format, where each field is one byte sent to the device: <STX> <command> <variable> [<value>] <DLE> <ETX> The <command> can be either 'W' for write or 'R' for read. If verbose is active, the device will send replies on the following format when a command is received: <STX> <variable> [<value>] <DLE> <ETX> Note that the <value> field can contain several bytes of data for certain commands.		Command special chars <STX> = 0x02 <DLE> = 0x10 <ETX> = 0x03 Write = 0x57 (ASCII: W) Read = 0x52 (ASCII: R)	
Operate/Standby Toggle	0x02 0x57 0x01 0x00 0x10 0x03	Power toggle	See below	
Operate/Standby	0x02 0x57 0x81 0x00 0x10 0x03	Standby	0x02 0x01 0x00 0x10 0x03	
	0x02 0x57 0x81 0x01 0x10 0x03	Operate	0x02 0x01 0x01 0x10 0x03	
Preset Previous/Next	0x02 0x57 0x02 0xff 0x10 0x03	Select previous preset	Current preset, see below:	
	0x02 0x57 0x02 0x01 0x10 0x03	Select next preset		
Preset set	0x02 0x57 0x82 0x01 0x10 0x03	Preset 1	0x02 0x02 0x01 0x10 0x03	
	0x02 0x57 0x82 0x02 0x10 0x03	Preset 2	0x02 0x02 0x02 0x10 0x03	
	0x02 0x57 0x82 0x03 0x10 0x03	Preset 3	0x02 0x02 0x03 0x10 0x03	
	0x02 0x57 0x82 0x04 0x10 0x03	Preset 4	0x02 0x02 0x04 0x10 0x03	
	0x02 0x57 0x82 0x05 0x10 0x03	Preset 5	0x02 0x02 0x05 0x10 0x03	
	0x02 0x57 0x82 0x06 0x10 0x03	Preset 6	0x02 0x02 0x06 0x10 0x03	
	0x02 0x57 0x82 0x07 0x10 0x03	Preset 7	0x02 0x02 0x07 0x10 0x03	
	0x02 0x57 0x82 0x08 0x10 0x03	Preset 8	0x02 0x02 0x08 0x10 0x03	
	0x02 0x57 0x82 0x09 0x10 0x03	Preset 9	0x02 0x02 0x09 0x10 0x03	
	0x02 0x57 0x82 0x0a 0x10 0x03	Preset 10	0x02 0x02 0x0a 0x10 0x03	
	0x02 0x57 0x82 0x0b 0x10 0x03	Preset 11	0x02 0x02 0x0b 0x10 0x03	
	0x02 0x57 0x82 0x0c 0x10 0x03	Preset 12	0x02 0x02 0x0c 0x10 0x03	
	0x02 0x57 0x82 0x0d 0x10 0x03	Preset 13	0x02 0x02 0x0d 0x10 0x03	
	0x02 0x57 0x82 0x0e 0x10 0x03	Preset 14	0x02 0x02 0x0e 0x10 0x03	
	0x02 0x57 0x82 0x0f 0x10 0x03	Preset 15	0x02 0x02 0x0f 0x10 0x03	
	0x02 0x57 0x82 0x10 0x10 0x03	Preset 16	0x02 0x02 0x10 0x10 0x03	
	0x02 0x57 0x82 0x11 0x10 0x03	Preset 17	0x02 0x02 0x11 0x10 0x03	
Volume Decrease/Increase	0x02 0x57 0x03 0xff 0x10 0x03	Volume decrease	Current volume, see below:	
	0x02 0x57 0x03 0x01 0x10 0x03	Volume increase		
Volume set	0x02 0x57 0x83 0x00 0x10 0x03	vol 0	0x02 0x03 0x00 0x10 0x03	
	0x02 0x57 0x83 0x01 0x10 0x03	vol 1	0x02 0x03 0x01 0x10 0x03	
	0x02 0x57 0x83 0x02 0x10 0x03	vol 2	0x02 0x03 0x02 0x10 0x03	
	0x02 0x57 0x83 0xYY 0x10 0x03	vol X (0-99), where YY = 00 to 63	0x02 0x03 0xYY 0x10 0x03	
	0x02 0x57 0x83 0x63 0x10 0x03	vol 99	0x02 0x03 0x63 0x10 0x03	
Mute control toggle	0x02 0x57 0x09 0x00 0x10 0x03	Mute toggle	Current mute status, see below:	
Mute control set	0x02 0x57 0x89 0x00 0x10 0x03	Mute disable	0x02 0x09 0x00 0x10 0x03	
	0x02 0x57 0x89 0x01 0x10 0x03	Mute enable	0x02 0x09 0x01 0x10 0x03	
Dim cycle	0x02 0x57 0x0a 0x00 0x10 0x03	Step through all dim levels	Current dim level, see below:	
Dim set	0x02 0x57 0x8a 0x00 0x10 0x03	DIM OFF	0x02 0x0a 0x00 0x10 0x03	
	0x02 0x57 0x8a 0x01 0x10 0x03	DIM LOW	0x02 0x0a 0x01 0x10 0x03	
	0x02 0x57 0x8a 0x02 0x10 0x03	DIM MID	0x02 0x0a 0x02 0x10 0x03	
	0x02 0x57 0x8a 0x03 0x10 0x03	DIM HIGH	0x02 0x0a 0x03 0x10 0x03	
DSP mode cycle	0x02 0x57 0x0c 0x00 0x10 0x03	Cycle through DSP modes	See below	
DSP mode set	0x02 0x57 0x8c 0x01 0x10 0x03	Auto	0x02 0x0c 0x01 0x10 0x03	
	0x02 0x57 0x8c 0x02 0x10 0x03	Bypass	0x02 0x0c 0x02 0x10 0x03	
	0x02 0x57 0x8c 0x03 0x10 0x03	Stereo	0x02 0x0c 0x03 0x10 0x03	
	0x02 0x57 0x8c 0x04 0x10 0x03	Party	0x02 0x0c 0x04 0x10 0x03	
	0x02 0x57 0x8c 0x05 0x10 0x03	Dolby Surround Movie	0x02 0x0c 0x05 0x10 0x03	
	0x02 0x57 0x8c 0x06 0x10 0x03	Dolby Surround Music	0x02 0x0c 0x06 0x10 0x03	
	0x02 0x57 0x8c 0x07 0x10 0x03	Dolby Surround Night	0x02 0x0c 0x07 0x10 0x03	
	0x02 0x57 0x8c 0x08 0x10 0x03	DTS Neural:X	0x02 0x0c 0x08 0x10 0x03	
Verbose toggle	0x02 0x57 0x0d 0x00 0x10 0x03	Verbose toggle	See below	
Verboser set	0x02 0x57 0x8d 0x00 0x10 0x03	Disable verbose	0x02 0x0d 0x00 0x10 0x03	
	0x02 0x57 0x8d 0x01 0x10 0x03	Enable verbose	0x02 0x0d 0x01 0x10 0x03	
Menu Toggle	0x02 0x57 0x0e 0x00 0x10 0x03	Enter or leavers menu of device	See below	
Menu Set	0x02 0x57 0x8e 0x00 0x10 0x03	Leave menu	02 0x0e 0x00 0x10 0x03	
	0x02 0x57 0x8e 0x01 0x10 0x03	Enter menu	02 0x0e 0x01 0x10 0x03	
Factory reset	0x02 0x57 0x13 0x00 0x10 0x03	Resetting to factory default settings		
Read current preset name	0x02 0x52 0x14 0x00 0x10 0x03	Read alias of current preset	0x02 0x14 [] 0x10 0x03 [Alias of current preset]	
Read specific preset name	0x02 0x52 0x94 0x01 0x10 0x03	Read alias of Preset 1	0x02 0x14 [] 0x10 0x03 [Alias of Preset 1]	
	0x02 0x52 0x94 0x02 0x10 0x03	Read alias of Preset 2	0x02 0x14 [] 0x10 0x03 [Alias of Preset 2]	
	0x02 0x52 0x94 0xYY 0x10 0x03	Read alias of X (1-17), where YY = 01 to 11	0x02 0x14 [] 0x10 0x03 [Alias of Preset X]	
	0x02 0x52 0x94 0x11 0x10 0x03	Read alias of Prisma preset	0x02 0x14 [] 0x10 0x03 [Alias of Prisma preset]	
Read manufacturer	0x02 0x52 0x15 0x00 0x10 0x03	Read manufacturer	0x02 0x15 [] 0x10 0x03 [PRIMARE]	
Read model	0x02 0x52 0x16 0x00 0x10 0x03	Read model name	0x02 0x16 [] 0x10 0x03 [model]	
Read version	0x02 0x52 0x17 0x00 0x10 0x03	Read current firmware version	0x02 0x17 [] 0x10 0x03 [firmware]	
Read current volume	0x02 0x52 0x1f 0x00 0x10 0x03	Read current volume	0x02 0x1f [] 0x10 0x03 [volume]	
BT visible toggle	0x02 0x57 0x18 0x00 0x10 0x03	Bluetooth visible toggle	See below	
BT visible set	0x02 0x57 0x98 0x00 0x10 0x03	Bluetooth visible disable	0x02 0x18 0x00 0x10 0x03	
	0x02 0x57 0x98 0x01 0x10 0x03	Bluetooth visible enable	0x02 0x18 0x01 0x10 0x03	
BT Auto-Connect toggle	0x02 0x57 0x19 0x00 0x10 0x03	Bluetooth Auto-Connect toggle	See below	
BT Auto-Connect set	0x02 0x57 0x99 0x00 0x10 0x03	Bluetooth Auto-Connect disable	0x02 0x19 0x00 0x10 0x03	
	0x02 0x57 0x99 0x01 0x10 0x03	Bluetooth Auto-Connect enable	0x02 0x19 0x01 0x10 0x03	
Read BT name	0x02 0x52 0x1c 0x00 0x10 0x03	Read Bluetooth name	0x02 0x1c [] 0x10 0x03 [BT name]	

Remote commands over RS232

Operate	0x02 0x57 0x0f 0x01 0x10 0x03	02 57 0f 01 10 03	Exit standby	
Standby	0x02 0x57 0x0f 0x02 0x10 0x03	02 57 0f 02 10 03	Enter standby	
Standby/Operate toggle	0x02 0x57 0x0f 0x03 0x10 0x03	02 57 0f 03 10 03	Standby/Operate toggle	
0	0x02 0x57 0x0f 0x04 0x10 0x03	02 57 0f 04 10 03		
0 (long press)	0x02 0x57 0x0f 0x05 0x10 0x03	02 57 0f 05 10 03		
1	0x02 0x57 0x0f 0x06 0x10 0x03	02 57 0f 06 10 03		
1 (long press)	0x02 0x57 0x0f 0x07 0x10 0x03	02 57 0f 07 10 03		
2	0x02 0x57 0x0f 0x08 0x10 0x03	02 57 0f 08 10 03		
2 (long press)	0x02 0x57 0x0f 0x09 0x10 0x03	02 57 0f 09 10 03		
3	0x02 0x57 0x0f 0x0a 0x10 0x03	02 57 0f 0a 10 03		
3 (long press)	0x02 0x57 0x0f 0x0b 0x10 0x03	02 57 0f 0b 10 03		
4	0x02 0x57 0x0f 0x0c 0x10 0x03	02 57 0f 0c 10 03		
4 (long press)	0x02 0x57 0x0f 0x0d 0x10 0x03	02 57 0f 0d 10 03		
5	0x02 0x57 0x0f 0x0e 0x10 0x03	02 57 0f 0e 10 03		
5 (long press)	0x02 0x57 0x0f 0x0f 0x10 0x03	02 57 0f 0f 10 03		
6	0x02 0x57 0x0f 0x10 0x10 0x03	02 57 0f 10 10 03		
6 (long press)	0x02 0x57 0x0f 0x11 0x10 0x03	02 57 0f 11 10 03		
7	0x02 0x57 0x0f 0x12 0x10 0x03	02 57 0f 12 10 03		
7 (long press)	0x02 0x57 0x0f 0x13 0x10 0x03	02 57 0f 13 10 03		
8	0x02 0x57 0x0f 0x14 0x10 0x03	02 57 0f 14 10 03		
8 (long press)	0x02 0x57 0x0f 0x15 0x10 0x03	02 57 0f 15 10 03		
9	0x02 0x57 0x0f 0x16 0x10 0x03	02 57 0f 16 10 03		
9 (long press)	0x02 0x57 0x0f 0x17 0x10 0x03	02 57 0f 17 10 03		
Volume up	0x02 0x57 0x0f 0x18 0x10 0x03	02 57 0f 18 10 03	Increase volume by 1 step	
Volume down	0x02 0x57 0x0f 0x19 0x10 0x03	02 57 0f 19 10 03	Decrease volume by 1 step	
UP	0x02 0x57 0x0f 0x1a 0x10 0x03	02 57 0f 1a 10 03	Arrow up	
DOWN	0x02 0x57 0x0f 0x1b 0x10 0x03	02 57 0f 1b 10 03	Arrow down	
LEFT	0x02 0x57 0x0f 0x1c 0x10 0x03	02 57 0f 1c 10 03	Arrow left	
RIGHT	0x02 0x57 0x0f 0x1d 0x10 0x03	02 57 0f 1d 10 03	Arrow right	
SELECT	0x02 0x57 0x0f 0x1e 0x10 0x03	02 57 0f 1e 10 03	Select	
RETURN	0x02 0x57 0x0f 0x1f 0x10 0x03	02 57 0f 1f 10 03	Return	
RETURN (long press)	0x02 0x57 0x0f 0x20 0x10 0x03	02 57 0f 20 10 03		
PLAY	0x02 0x57 0x0f 0x21 0x10 0x03	02 57 0f 21 10 03	Play/resume playback	
PAUSE	0x02 0x57 0x0f 0x22 0x10 0x03	02 57 0f 22 10 03	Pause playback	
PLAY/PAUSE	0x02 0x57 0x0f 0x23 0x10 0x03	02 57 0f 23 10 03	Play/Pause toggle	
PLAY/PAUSE (long press)	0x02 0x57 0x0f 0x24 0x10 0x03	02 57 0f 24 10 03		
NEXT	0x02 0x57 0x0f 0x27 0x10 0x03	02 57 0f 27 10 03	Skip to next song	
NEXT (long press)	0x02 0x57 0x0f 0x29 0x10 0x03	02 57 0f 29 10 03		
PREVIOUS	0x02 0x57 0x0f 0x28 0x10 0x03	02 57 0f 28 10 03	Skip to previous played song	
PREVIOUS (long press)	0x02 0x57 0x0f 0x2a 0x10 0x03	02 57 0f 2a 10 03		
REPEAT	0x02 0x57 0x0f 0x2b 0x10 0x03	02 57 0f 2b 10 03	Repeat toggle	
REPEAT (long press)	0x02 0x57 0x0f 0x2c 0x10 0x03	02 57 0f 2c 10 03		
MUTE	0x02 0x57 0x0f 0x2d 0x10 0x03	02 57 0f 2d 10 03	Mute toggle	
MUTE (long press)	0x02 0x57 0x0f 0x2e 0x10 0x03	02 57 0f 2e 10 03	Speaker Mute toggle	
INFO	0x02 0x57 0x0f 0x2f 0x10 0x03	02 57 0f 2f 10 03	Display information page (OSD)	
INFO (long press)	0x02 0x57 0x0f 0x30 0x10 0x03	02 57 0f 30 10 03		
DIM	0x02 0x57 0x0f 0x31 0x10 0x03	02 57 0f 31 10 03	Cycle all dim levels	
DIM (long press)	0x02 0x57 0x0f 0x32 0x10 0x03	02 57 0f 32 10 03		
MENU	0x02 0x57 0x0f 0x33 0x10 0x03	02 57 0f 33 10 03	Toggle OSD menu	
MENU (long press)	0x02 0x57 0x0f 0x34 0x10 0x03	02 57 0f 34 10 03		
AUDIO	0x02 0x57 0x0f 0x37 0x10 0x03	02 57 0f 37 10 03	Cycle DSP modes	
AUDIO (long press)	0x02 0x57 0x0f 0x38 0x10 0x03	02 57 0f 38 10 03		
BALANCE	0x02 0x57 0x0f 0x39 0x10 0x03	02 57 0f 39 10 03	Enter temporary adjustment menu	
BALANCE (long press)	0x02 0x57 0x0f 0x3a 0x10 0x03	02 57 0f 3a 10 03		
RED	0x02 0x57 0x0f 0x3b 0x10 0x03	02 57 0f 3b 10 03		
RED (long press)	0x02 0x57 0x0f 0x3c 0x10 0x03	02 57 0f 3c 10 03		
GREEN	0x02 0x57 0x0f 0x3d 0x10 0x03	02 57 0f 3d 10 03		
GREEN (long press)	0x02 0x57 0x0f 0x3e 0x10 0x03	02 57 0f 3e 10 03		
YELLOW	0x02 0x57 0x0f 0x3f 0x10 0x03	02 57 0f 3f 10 03		
YELLOW (long press)	0x02 0x57 0x0f 0x40 0x10 0x03	02 57 0f 40 10 03		
BLUE	0x02 0x57 0x0f 0x41 0x10 0x03	02 57 0f 41 10 03		
BLUE (long press)	0x02 0x57 0x0f 0x42 0x10 0x03	02 57 0f 42 10 03		
PRESET	0x02 0x57 0x0f 0x43 0x10 0x03	02 57 0f 43 10 03		
PRESET (long press)	0x02 0x57 0x0f 0x44 0x10 0x03	02 57 0f 44 10 03		
SOURCE	0x02 0x57 0x0f 0x45 0x10 0x03	02 57 0f 45 10 03		
SOURCE (long press)	0x02 0x57 0x0f 0x46 0x10 0x03	02 57 0f 46 10 03		
Channel up	0x02 0x57 0x0f 0x47 0x10 0x03	02 57 0f 47 10 03		
Channel down	0x02 0x57 0x0f 0x48 0x10 0x03	02 57 0f 48 10 03		