

2010 Spring BD-Players

2010 BDP IP & RS-232 Control

Ver. 1.00.00

Edited 12/8/2010

Control Communication Settings

RS-232C Control

RS-232C Cable Type: 9-pin CROSS cable

Settings

Speed: 9600bps

Data Length: 8bit

Parity: None

Stop: 1bit

IP Control

Port Number: 8102

IP control requires LAN access with Internet/WAN access.

IMPORTANT!

Be sure that the player has been updated with the latest firmware to guarantee functionality. Use firmware version BDP_330_BU10111000 (11/29/2010) or later.

1. Commands

USA Models BDP-330, BDP-31FD, BDP-33FD feature IP Control
 USA Models BDP-31FD, BDP-33FD feature RS-232 Control

○ : Supported

| Name of Command | Command Mnemonic | 232C | IP | Function |
|------------------------|------------------|------|----|--|
| Power On | PN | | ○ | Power on |
| Power Off | PF | | ○ | Power off |
| Open | OP | | ○ | Open tray |
| Close | CO | | ○ | Close tray |
| Stop | 99RT | | ○ | Stop playback |
| Play | PL | | ○ | Start playback |
| Still | ST | | ○ | Still (with stilled image) |
| Step Forward | SF | | ○ | Step forward |
| Step Reverse | SR | | ○ | Step reverse |
| Stop Scan | NS | | ○ | Stop scanning |
| Key Lock | (Parameter)KL | | ○ | Key Lock (For IP, lock for IP commands and no synchronize with Lock by |
| Current Address | ?A | | ○ | Return title/chapter info for current playbacing title. |
| Title/Track Number | ?R | | ○ | Return title/track info for current playbacing title. |
| Chapter Number Request | ?C | | ○ | Return chapter number. |
| Time Code Request | ?T | | ○ | Return current playback time. |
| Index Number Request | ?I | | ○ | Return current index number. |
| DVD Disc Status | ?V | | ○ | Return DVD info. |
| BD Disc Status Request | ?I | | ○ | Return BD info. |
| Get Information | ?D | | ○ | Return disc info. |
| CD Disc Status Request | ?K | | ○ | Return CD info. |
| Player Active Mode | ?P | | ○ | Return BDP current state. |
| Player Model Name | ?L | | ○ | Return BDP model name. |
| Error Code Request | ?E | | ○ | Return last error code. |
| Firmware Version | ?Z | | ○ | Return firmware version info. |
| Slow | (Parameter)SW | | ○ | Slow |
| Scan Forward | NF | | ○ | Scan forward |
| Scan Reverse | NR | | ○ | Scan reverse |
| Remote Control Button | /(Parameter)/R | ○ | ○ | Same action as remote buttons, see "RemoteCodeCommands" sheet. |

Different from old version spec or ideal spec. (Same action as remote buttons.)

2. Remote Code Commands

USA Models BDP-330, BDP-31FD, BDP-33FD feature IP Control
 USA Models BDP-31FD, BDP-33FD feature RS-232 Control

○ : Supported

| Remote buttons | Remote Code | 232C | IP | Note |
|--------------------------|-----------------|------|----|--|
| Remote Control Button | /(Parameter)/RU | ○ | ○ | For Example: /A181AFBA/RU = Power On |
| Power On / Standby | A181AFBC | | ○ | |
| Open /Close | A181AFB6 | ○ | ○ | |
| Video Output Reset | A181AF21 | | ○ | For remote, push and hold this key to reset video out. |
| Audio | A181AFBE | | ○ | |
| Subtitle | A181AF36 | | ○ | |
| Angle | A181AFB5 | | ○ | |
| Front Light | A181AFF9 | | ○ | |
| 1 | A181AFA1 | | ○ | |
| 2 | A181AFA2 | | ○ | |
| 3 | A181AFA3 | | ○ | |
| 4 | A181AFA4 | | ○ | |
| 5 | A181AFA5 | | ○ | |
| 6 | A181AFA6 | | ○ | |
| 7 | A181AFA7 | | ○ | |
| 8 | A181AFA8 | | ○ | |
| 9 | A181AFA9 | | ○ | |
| Clear | A181AFE5 | | ○ | |
| 0 | A181AFA0 | | ○ | |
| Enter | A181AFEF | ○ | ○ | |
| Secondary Video | A181AFBF | | ○ | |
| Key Lock | A181AF22 | | ○ | For remote, push and hold this key to lock. |
| Repeat | A181AFE8 | ○ | ○ | |
| Repeat Off | A181AF23 | | ○ | |
| Page + | A181AF26 | | ○ | |
| Page - | A181AF27 | | ○ | |
| Exit | A181AF20 | ○ | ○ | |
| Display | A181AFE3 | | ○ | |
| Function | A181AFB3 | ○ | ○ | |
| DiscNavigator / Top Menu | A181AFB4 | ○ | ○ | |
| Popup Menu / Menu | A181AFB9 | ○ | ○ | |
| Home Menu | A181AFB0 | ○ | ○ | |
| Return | A181AFF4 | ○ | ○ | |
| ↑ | A184FFFF | ○ | ○ | |
| → | A186FFFF | ○ | ○ | |
| ↓ | A185FFFF | ○ | ○ | |
| ← | A187FFFF | ○ | ○ | |
| Reverse Scan | A181AFEA | ○ | ○ | |
| Play | A181AF39 | ○ | ○ | |
| Forward Scan | A181AFE9 | ○ | ○ | |
| Rev Skip / Slow / Step | A181AF3E | ○ | ○ | In paused state, this key(command) enables a step action |
| Pause | A181AF3A | ○ | ○ | |
| Stop | A181AF38 | ○ | ○ | |
| Fwd Skip / Slow / Step | A181AF3D | ○ | ○ | In paused state, this key(command) enables a step action |
| Red | A181AF60 | | ○ | |
| Green | A181AF61 | | ○ | |
| Blue | A181AF62 | | ○ | |
| Yellow | A181AF63 | | ○ | |
| Replay | A181AF24 | | ○ | |
| Skip Search | A181AF25 | | ○ | |
| Power On | A181AFBA | ○ | ○ | |
| Power Off | A181AFBB | ○ | ○ | |