

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 playabcking title.
Title/Track Number	?R		○	Return title/track info for current playabcking 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	○	○	