DIRECTIONAL AND PLAYBACK CONTROL BUTTONS

Operation Modes: Live Mode, Live Freeze Mode, Search Mode, Search-Pause Mode, Navigation Mode, and PTZ Mode.

	Live	Go to PTZ mode.
	PTZ	Adjust zoom, focus, and iris on a PTZ channel.
(PTZ)	**Search**	Start reverse playback of recordings. When pressed successively, the search jumps back in time by 30 minute increments.
	Search-Pause	When pressed successively, the reverse playback rate decreases from 1/2X speed to 1/8X.

	Live	Start playback of the latest recordings. (By default, the system searches recordings in the past 30 secs. If no recording is archived, the system will play back the latest one.)
(REPLAY)	**PTZ**	Adjust zoom, focus, and iris on a PTZ channel.
	Search	Start playback of recordings. When pressed successively, the search jumps forward in time by 30 minute increments.
	Search-Pause	When pressed successively, the playback rate increases from 1/2X speed to 1/8X.

	Navigation	Move up.
(PANORAMA)	**PTZ**	Move the camera view point up.
	Search	Start Panorama Search.

	Navigation	Move to the right.
	PTZ	Move the camera view point to the right.
	Search	Play recorded videos.
	Search-Pause	Step forward one frame.

	Navigation	Move down.
(SMART)	**PTZ**	Move the camera view point down.
	Search	Start Smart Search.

	Navigation	Move to the left.
	PTZ	Move camera's view point to the left.
	Search	Play recorded videos in reverse.
	Search-Pause	Step back one frame.

	Live	Freeze live channels.
(► ❚❚)	**Live Freeze**	Resume live view.
	Search	Pause playback channels.
	Search Pause	Resume playback.

FUNCTION BUTTONS

	Search	Open the search menu.
SEARCH FOCUS	**Focus**	In PTZ mode, press to use the Focus function. Use the ◁ ▷ buttons to adjust.

	Backup	In live mode, press to open the backup menu. In the search mode, • Press once, to set the start time for Backup. • Press twice, to set the end time for Backup. • Press three times, to complete Backup.
BACKUP ZOOM	**Zoom**	In PTZ mode, press to use PTZ Zoom function. Use the ◁ ▷ buttons to adjust.

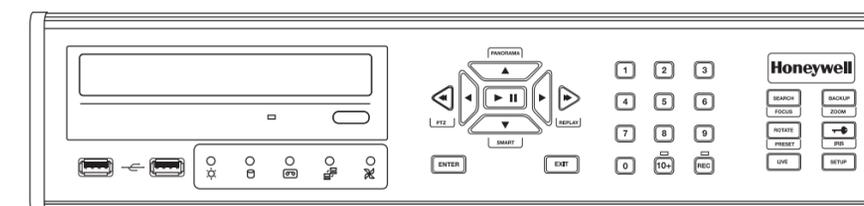|		
	Rotate	Rotate through to the remaining channels in the current display mode or rotate the display configuration.
ROTATE PRESET	**Preset**	In PTZ mode, press to use the Preset function.

	Key	Log out the current user. Use to prevent accidental or unauthorized system-wide changes.
IRIS	**Iris**	In PTZ mode, press to use the IRIS function. Use the ◁ ▷ buttons to adjust.

LIVE	**Live**	Change the display mode. Display switches in the following order when the LIVE key is pressed successively: (Single > 4 > 7 > 9 > 10 > 13 > 16 > Single > 4 > 7 > 9 ...split screen mode)

SETUP	**Setup**	Open the setup menu.

[4, 8, 16] HRDP Digital Video Recorder
Performance Series

QUICK START GUIDE

LOGGING IN FOR THE FIRST TIME

DVR	User ID: **admin**	**Remote Software**	User ID: **admin1**
	Password: **<none>**		Password: **<none>**

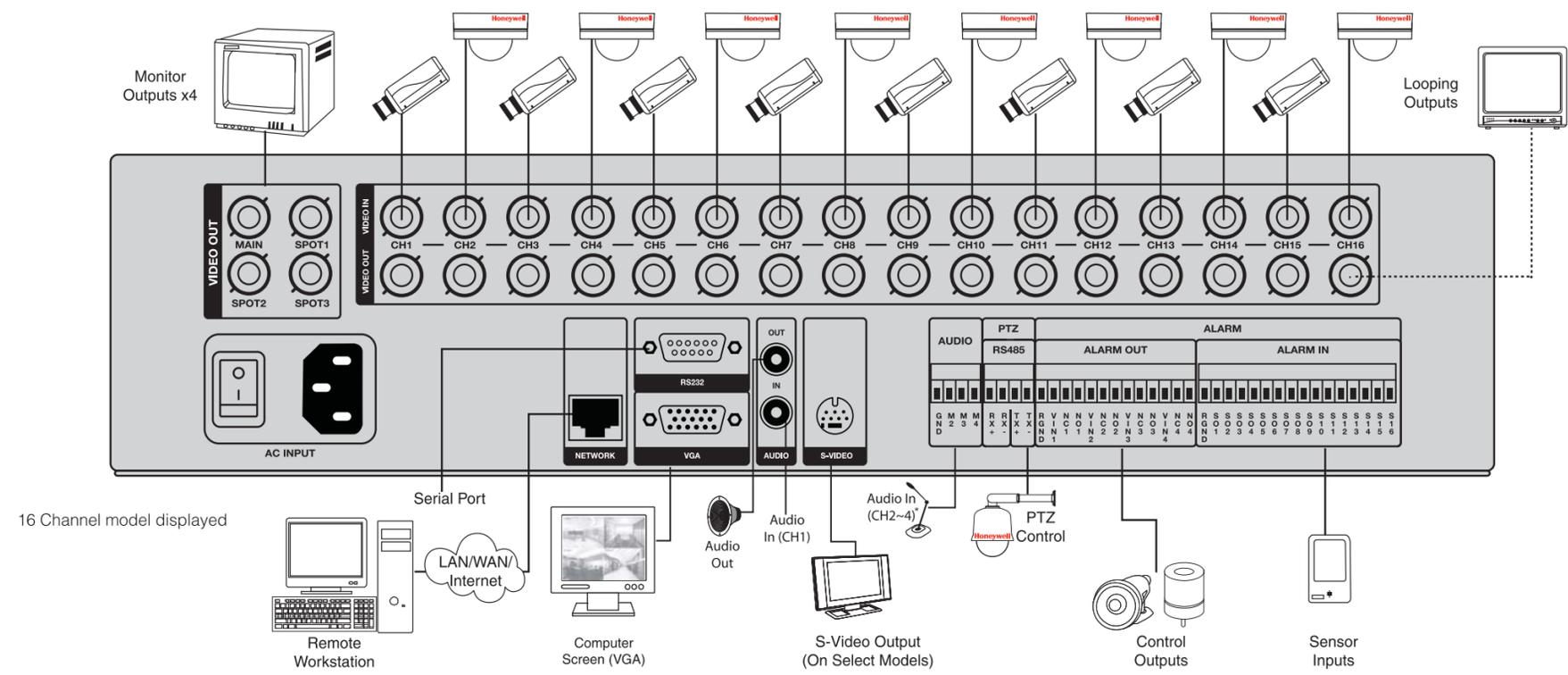## LED STATUS INDICATOR

☼	**Power**	Illuminates when power is supplied to the DVR.
⊟	**HDD**	Flashes when the hard drive is being accessed.
▣	**Record**	Flashes when live video is recording.
⊞	**Network**	Illuminates when the DVR is connected to a network.
✕	**Fan**	Illuminates when the fan is working. Flashes when the fan is working improperly. Unlit when the fan is not working.

ENTER / EXIT BUTTONS

ENTER	**Enter**	Input data, make selections, and open pop-up menus.
EXIT	**Exit**	Return to the previous mode or menu, without saving.

NUMERIC BUTTONS AND REC

1	**Numeric**	In live and search modes, press to watch that channel full screen.
REC	**Record**	In live mode, press to start instant recording of all channels.

Monitor Outputs x4

Looping Outputs

VIDEO OUT — MAIN SPOT1 SPOT2 SPOT3

VIDEO IN / VIDEO OUT — CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16

AC INPUT

RS232

NETWORK

VGA

OUT IN AUDIO

S-VIDEO

AUDIO | PTZ RS485 | ALARM — ALARM OUT | ALARM IN

GND MN2 MN3 MN4 MMD | RX+ RX- TX+ TX- | RVG N1 VIC O11 NC N1 | VIO O12 NC N2 | VIO O23 NC N3 | VIN O34 NC N4 | RGND | SO1 SO2 SO3 SO4 SO5 SO6 SO7 SO8 SO9 SO10 | SI1 SI2 SI3 SI4 SI5 SI6

16 Channel model displayed

Serial Port

LAN/WAN/ Internet

Remote Workstation

Computer Screen (VGA)

Audio Out

Audio In (CH1)

S-Video Output (On Select Models)

Audio In (CH2~4)

PTZ Control

Control Outputs

Sensor Inputs

*Audio In (CH 2~4) ONLY available on Rev B hardware DVR - see serial number label on DVR chassis for Rev B indication.

Models earlier than Rev B support 1 CH of Audio In.

QUICK INSTALLATION

1. Connect cameras to video inputs, and if using, connect PTZ camera control lines to RS485 connector.

2. Connect the main monitor to the VGA monitor output or main video output - BNC.

3. If using, connect analog monitors to looping video ouputs.

4. If using, connect the monitor to SPOT video outputs (up to 3 on HRDP16 only).

5. If using, connect sensors to alarm signal inputs.

6. If using, connect alarm devices such as buzzers to alarm signal outputs.

7. If using, connect external controllers to RS232 connector.

8. If using, connect a speaker and microphone to the audio input and output.

9. Connect a network cable to the network port.

10. Power on all the connected equipment.

11. Connect the power cord to the DVR.

12. Turn the power switch on.

STARTING FOR THE FIRST TIME

When the HRDP Performance Series DVR starts for the first time, it will take about 40-45 sec- onds to boot up. Once boot is complete, the Install Setup window will appear. Use this setup window to configure the basic settings of the system and also format the HDDs. If any settings are changed, you are encouraged to reboot the system.

Video Format: NTSC/PAL
Date Format: ASIA (YYYY/MM/DD), US (MM/DD/YYYY) and EURO (DD/MM/YYYY).
Date: Specify the current date.
Time: Specify the current time.
Time Zone: Set the local time zone.
Use DST: Select to use DST(Daylight Saving Time), turn on this toggle option.

HOW TO USE IR REMOTE CONTROLLER

When more than one HRDP Performance Series DVR is installed in the same location, use one remote controller to control multiple DVRs. To control multiple DVRs, you must change the remote controller ID to match the DVR ID of the DVR.
Follow the instructions below to change the remote controller ID.

On the DVR

1. Go to SYSTEM > SYSTEM CONFIGURATION.
2. Enter the desired DVR ID number.

On the Remote Controller

3. Press and hold the ID button on the remote controller and enter the desired DVR ID number to operate the corresponding DVR.

Note The DVR ID must be input as two numbers on the remote controller. Therefore you should input 00 for the DVR ID 0 and input 01 for 1.

Honeywell