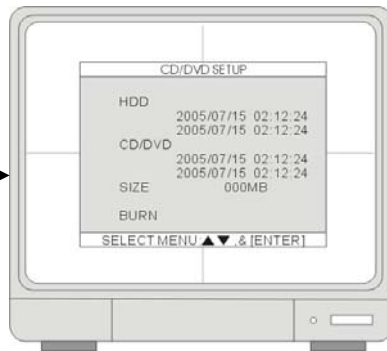
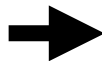
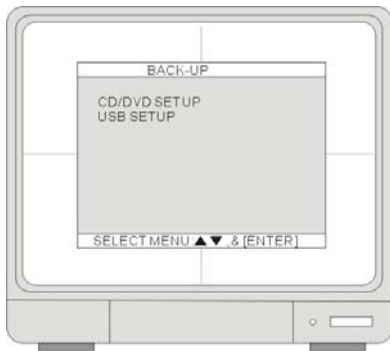


# DVMR-16+ \* Image Copy notes



## CD/DVD BACKUP



※After enter BACK UP, it takes 1 minute to load up data, please wait.  
※ The DVR supports CDRW or DVDRW backup.It only reads CD-R, CD-RW, and DVD+R disc  
Note: DVD-R, DVD+RW and DVD-RW are not readable.

### 1.[HDD]

- Indicate the start and the end recording date and time of the HDD(s).

### 2.[CD/DVD]

- Select a starting date and time for backup. Press ENTER and use ▲ ▼ to move the cursor. Use [+] [-] or J.Shuttle to change the value. Press ENTER and then press ▼ go to SIZE to choose a backup size.

### 3.[SIZE]

- Insert a blank CD/DVD disk and the DVR will check the disk size and displays on the screen. Press ENTER to enter the SIZE selection. Use [+] [-] or J.Shuttle to change the value. Press ENTER and the DVR calculates the end date and time for backup automatically.

### 4.[BURN]

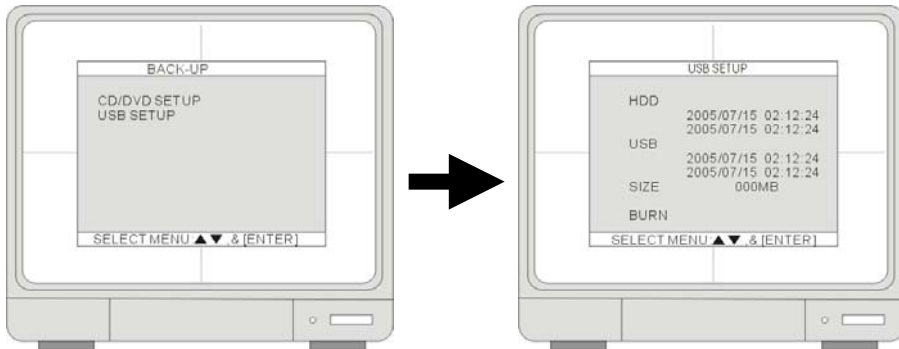
- Move the cursor to BURN and press ENTER to start the backup. System will save the file in **AJP** format. Users have to install the program of BACKUP PLAYER to playback the backup file. Please refer to CHAP.5 Back-up for more details.

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1. Use a blank CD. Do not format or reuse a CD even though it is rewritable.
2. When choosing a backup size, leave 20MB as a buffer and do not use the full space of a CD.
3. Once the DVR starts burning CD, do not press any button to stop the process. When the burning is completed, the DVR ejects the CD automatically.
4. The burnt CD will include CD-R back up player software, so there's no need to install it on PC. The burnt CD will auto run. For more details please refer to 7-5-8.

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## USB BACKUP



### 1.[HDD]

- Indicate the start and the end recording date and time of the HDD(s).

### 2.[USB]

- Select a starting date and time for backup. Press ENTER and use ▲ ▼ to move the cursor. Use [+] [-] or J.Shuttle to change the value. Press ENTER and then press ▼ go to SIZE to choose a backup size.

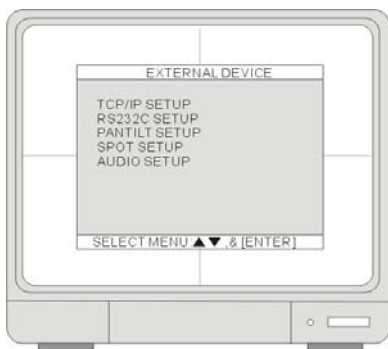
### 3.[SIZE]

- Insert USB device and the DVR will check the disk size and displays on the screen. Press ENTER to enter the SIZE selection. Use [+] [-] or J.Shuttle to change the value. Press ENTER and the DVR calculates the end date and time for backup automatically.

### 4.[BACKUP]

- Move the cursor to BACKUP and press ENTER to start the backup. System will save the file in **AJP** format. Users have to install the program of BACKUP PLAYER to playback the backup file. Please refer to CHAP.5 Back-up for more details.

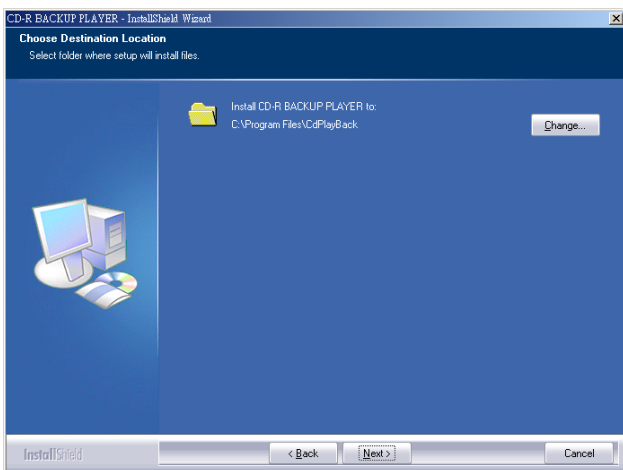
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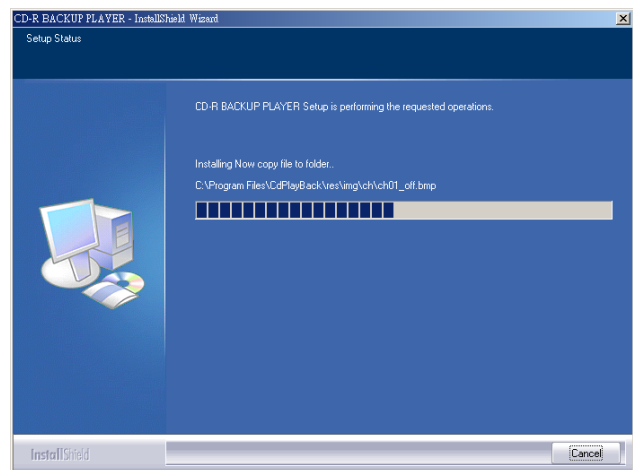
## Backup Player software installation



1. Insert software CD.
2. Click **[Install backup player]** to start the installation.

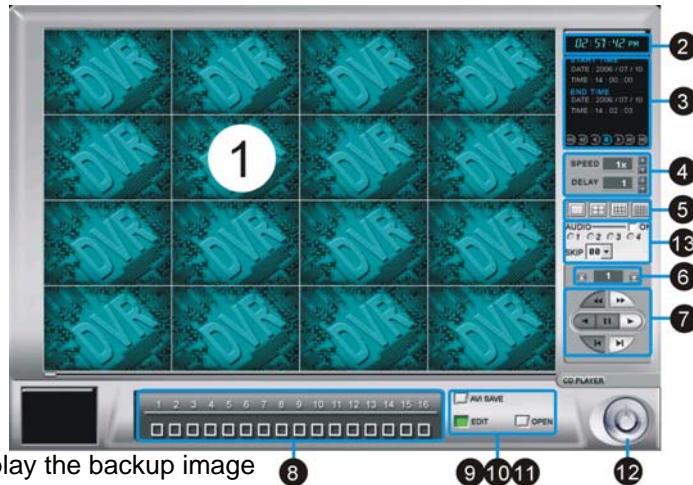


3. Select a Destination Folder



4. Copy files to the Destination Folder. System will build a new icon of **[CD BACKUP PLAYER]** on PC **[DESKTOP]**. Double click the icon of CD Backup Player from Desktop to run the program. [allthings.com.au](http://allthings.com.au)

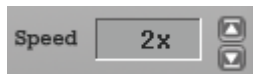
## Backup Player software interface



1. Display screen: To display the backup image
2. Time display: To indicate the current time
3. Information window: To indicate the CD's start/end time and date, and the backup video quality (resolution).

### 4. Speed Adjustment:

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Speed: Select a playback speed (2X, 4X, 8X, 16X, 32X, 64X) and press for Fast Rewind and for Fast Forward



Delay: Select a speed to play in slow motion (1/2X, 1/4, 1/8X, 1/16X) and press for Rewind and for Forward

5. : Select a [1 / 4 / 9 / 16] Screen display

6. : Go to the next page : Go to the previous page

### 7. Function button:



8. Channel selection: To select a single channel from CH1 to CH16
9. AVI SAVE: To save the backup video to AVI format
10. EDIT: To open the dialog window to save a single frame as a JPEG file or print it out.
11. Open: To open the backup file from CD-R
12. EXIT: To exit the program
13. Audio function: Click ON and then select a channel to play audio.

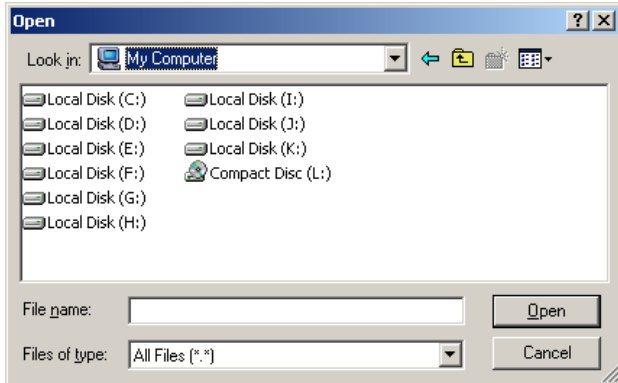


- ON: to start playing audio, and it will automatically switch to full screen
- 1~4: Select Audio channel.
- SKIP: To synchronize the play speed of video and audio .

When the DVR recording is set to a lower speed, adjust SKIP to synchronize the video and audio. For example, when the DVR recording is set to 1/3X, set SKIP at 3. When the DVR recording is set to 1/4X, set SKIP at 4, and so on.

## ➤ Open AJP file

1. Select **(OPEN)** and the window below will show up on the screen.



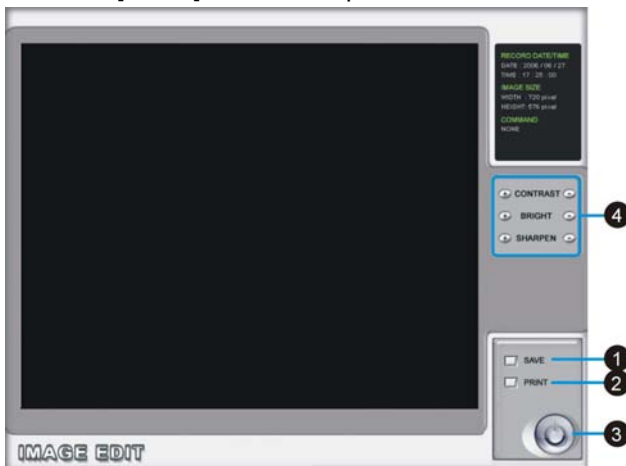
2. Select the file and click **[OPEN]** to open the AJP file.

## ➤ Save JPG file

1. During playback and under FULL SCREEN MODE, when you see the picture you want to save, click EDIT.

2. Select **[SAVE]** to save the picture as JPEG file or select **[PRINT]** to print the image.

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❶ To save single picture as JPG file.

❷ To print the picture.

❸ To exit the EDIT mode.

❹ To edit the image parameter

## ➤ Save as AVI file

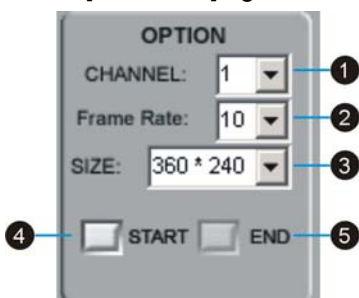
During playback, you can save the backup file to AVI format.

1. Open the backup file from CD-R, playback to where you want to start saving the AVI file. Select **[AVI SAVE]** to open the AVI SAVE dialog window.

2. Select the channel, frame rate, and AVI image size.

3. Select "START" to save and "END" to stop the process.

4. Click **[AVI SAVE]** again to close the AVI SAVE dialog window.



❶ CHANNEL: Select a channel to save

❷ Frame Rate: Select how many frames to save every second

❸ SIZE: Set the resolution as 360\*240 or 720\*480

❹ START: Start saving AVI file

❺ END: Stop saving AVI file

**Note: The AVI SAVE will not include the audio.**