User Guide

INSIGNIA™

Infocast Internet Media Display

NS-DP8CH

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Infocast Internet Media Display

Contents

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Welcome

Congratulations on your new Infocast!

Your Infocast is a convenient and compact way to view or play your favorite media—music, photos, video, or a mix of all of these.

Because the Infocast connects to the Internet, it's always on and the content is always fresh. Internet-based content is free. There are no subscription fees.

Even if you don't have an Internet connection, you can still insert a memory card or USB flash drive and view your favorite photos and videos or listen to your music.

This guide and the *Quick Setup Guide* walk you through connecting, setting up, and customizing your Infocast. Most questions you'll have answered in these pages as you get acquainted your new Internet media display.

Safety information

Always follow these basic safety precautions when using your Infocast. This will reduce the risk of fire, electric shock, and injury.

Warning
- To reduce the risk of fire or shock hazard, do not expose your Infocast to rain or moisture and unplug it during lightning storms.
- To prevent the risk of electric shock, do not remove the cover. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- There is a risk of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type of battery.

Placement—To prevent fire or electric shock, do not expose your Infocast to rain or moisture. To prevent it from falling, do not place it on an unstable cart, stand, tripod, bracket, or table. Keep your Infocast away from strong magnets, heat sources, direct sunlight, and excessive dust.

Installation—Make sure that your Infocast is used in accordance with the instructions and illustrations provided in this manual.

Objects and liquids—Do not push objects of any kind into your Infocast through openings. Do not spill or spray liquid of any kind on or in your Infocast (this may result in a fire or electric shock). Do not place anything heavy on your Infocast. To ensure proper ventilation and proper operation, never cover or block the slots and openings with a cloth or other material.

Disassembly—Do not attempt to disassemble your Infocast. There is a risk of electric shock. Contact qualified service personnel if your Infocast is in need of repair.

Cleaning your Infocast—When cleaning, make sure your Infocast is unplugged from the power source. Use the supplied cleaning cloth, or a cloth slightly dampened with water for cleaning the exterior of your Infocast only.
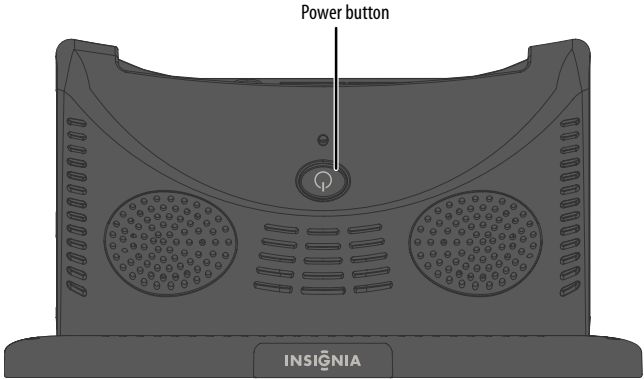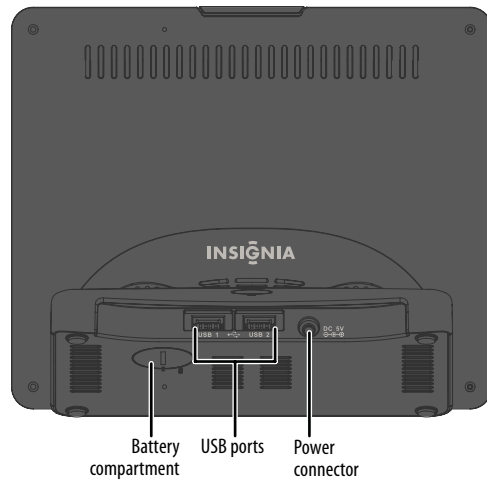
Features

- 8-inch touchscreen display with 800 × 600 resolution
- 2 GB of internal memory (approximately 1.5 GB is available for content storage)
- Touchscreen menus
- Easy drag-and-drop interface
- Internet-enabled apps and updates from chumby
- Share apps, photos, and videos with other users of chumby-enabled devices
- Create an unlimited number of channels using any of over 1,500 apps and configure your apps the way you want to see them

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- Photo, music and video playback from internal memory or inserted memory cards and USB flash drives
- Clock, alarm clock, and calendar
- Night mode
- Dimmable backlight
- Headphone jack, stereo speakers built in
- Memory card slots support SD, SDHC, MMC, Memory Stick, xD, CF formats, and MD Pro Duo (using the included adapter)
- Dual USB ports support USB flash drives and more
- UPnP

Insignia button

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Power button

Battery   USB ports   Power
compartment   connector

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CF card slot   SD/SDHC/MMC/MS/xD   Headphone jack
card slot

Package contents

- Infocast Internet media display (1)
- AC power adapter (1)
- *Quick Setup Guide* (1)
- *User Guide* (1)
- MS Pro Duo adapter
- Cleaning cloth

System requirements

- Broadband Internet connection (such as cable or DSL). The Infocast won't work with a dialup connection.
- Wireless router (802.11b/802.11g compatible). Most routers currently sold support these requirements. Routers supporting 802.11n may work with the Infocast as long as they properly support 802.11g or 802.11b.
- Computer with Internet access. This is required to activate your Infocast and to configure the apps you want to show on it. After your Infocast is set up, you'll only need a computer to configure certain apps.

Setting up your Infocast

See the *Quick Setup Guide* for detailed setup instructions.

The basic steps for setting up your Infocast are:

1 Connecting the power cord and turning on your Infocast.
2 Viewing the guided tour.
3 Calibrating the touchscreen so your Infocast recognizes your taps.
4 Configuring the network connection.
5 Setting the timezone.
6 Setting the time and date (if they can't be set automatically from the Internet).
7 Activating your Infocast.

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Learning to tap

On your Infocast, you select menu items using your fingernail. Your fingernail can tap a button or app on the screen, tap and drag a slider bar or an icon, or control a game. You should tap only one fingernail on the screen at a time.

Tapping means quickly touching and releasing a button or app. *Dragging* means touching a slider bar or an icon, then sliding your fingernail across the screen to the location you want to move the item to.

Use your fingernail (not the full pad of your fingertip) to tap. Tapping the screen—as opposed to pressing hard on the screen—works the best.

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Using your Infocast

Overview

This is your Infocast's Home screen:
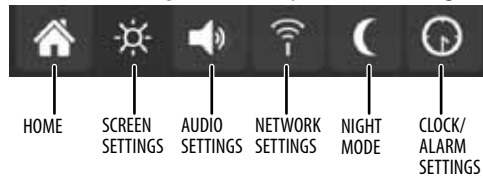
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And this is the Main menu.

Menu bar

The menu bar lets you manage your Infocast's features. Tap a menu tab to expand it. Tap the icon to the right of the tab to collapse it.

•**APPS**—Where you can preview and send apps to your channels or friends.

•**FRIENDS**—Where you can invite friends, view Friend Requests or view a list of your current friends.

•**PHOTOS**—Where you can choose which photos to view or send to channels or friends.

•**MUSIC**—Where you can choose which audio source to play.

• **VIDEO**—Where you can choose which videos to play.

Settings bar

The settings bar is where you change Infocast settings such as screen brightness, volume, wireless setup, and clock/alarm settings, and where you can select **Night** mode.

HOME   SCREEN   AUDIO   NETWORK   NIGHT   CLOCK/
        SETTINGS SETTINGS SETTINGS   MODE   ALARM
                                               SETTINGS

- **HOME**—Displays the home screen
- **SCREEN SETTINGS**—Where you can adjust screen settings such as brightness.
- **AUDIO SETTINGS**—Where you can adjust audio settings such as volume.
- **NETWORK SETTINGS**—Where you can change your network settings.
- **NIGHT MODE**—Tap to darken the screen. The current time will be displayed. When the time is displayed, tap Dark in the upper lefthand corner to completely darken the display. Tap the screen again to use your Infocast.

Note
> Night Mode does not turn off your Infocast. It does not stop any music sources that may be playing.

- **CLOCK/ALARM SETTINGS**—Where you can change the time and date, time zone, and alarm settings.

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Using channels and apps

What are apps?

Apps are small (and sometimes fun!) programs you can run on your Infocast. You can drag apps to your channels or send them to your friends.

What are channels?

A channel is a collection of apps. You can view the "Featured Channel" or create your own channels. Drag and drop your favorite apps, photos, and videos to one of your channels to mix and match media—or send them to your friends' channels.

The Featured Channel contains some of our favorite apps to get you started.

Playing a channel

So you can play a channel right away and see how it all works, your Infocast came with a channel called "Featured Channel" already set up for you. You'll play your own custom channels the same way. The Featured Channel may contain apps such as weather conditions and forecast, stock quotes, video clips, news headlines, friend status, and webcams.

To play the Featured Channel:

1 In the Home screen or in the Main menu, tap **APPS**, then tap **CHANNELS**. The Featured Channel (along with any other channels you've defined) appears in the main content area.

2 Tap a channel to select it.

> **Tip**
> You can also tap the **CHANNELS** tab, then tap a channel.

3 Tap **PLAY**. The channel loads the apps, then plays the channel content. Each app plays for a set period of time. You can change that interval time by customizing the app's display time in your chumby.com account or by tapping the app while on the Channels page, then tapping **CUSTOMIZE**.

Creating a channel

You can create as many channels as you want. Each channel can contain an unlimited number of apps, but only the first 100 will be displayed on your Infocast.

> **Tips**
> • To keep the Infocast menu easy to use, create only a few channels.
> • The Featured Channel is already set up for you to use right away.

To create a channel:

1   In the Home screen or in the main menu, tap **APPS**, then tap **Channels**.

2   Tap (create new).

3   Enter the channel name using the keyboard. The channel will appear in your Channels list and the you can drag and drop apps, photos, and videos to the channel like any other channel.

> **Note**
>
> To configure some apps, you'll have to go to your chumby account.

Adding apps to a channel

> **Tip**
>
> You can also add an app to a channel from your chumby account. For more information, go to insignia.chumby.com/help.

To add an app to a channel:

1   At your Infocast's main menu, tap the **APPS** tab, then tap the **Channels** tab to expand the list of channels.

2   Tap the **Apps Catalogue** tab. All the app categories appear on the right.

3 Tap the category of apps you'd like to browse through, then tap the app you'd like to add to a channel. Drag the app icon to the channel in the Menu bar on the left that you'd like to add the app to, then lift your finger from the screen. The app is added to the channel.

> **Note**
> To add multiple apps to a channel at a time, tap each app to select them, then tap and drag one of the icons to the channel. All selected apps are copied to the channel.

4 Tap the channel's menu tab. Tap the channel in the Menu bar to view the apps you just added.

5 To re-order the apps, tap to select an icon, then drag it to the new location.

Rating an app

By rating apps, you help us determine which apps are the best. We use this information to create new apps that will hopefully appeal to you.

To rate an app:

1 Press the Insignia button on top of your Infocast while a channel is playing. The app shuttle appears on the bottom of the screen.

2 Tap ★★★★★ (star icons) to indicate your rating of the app on a scale from 1 to 5 stars.

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Managing friends

You can send apps, photos, and videos to friends who have a chumby-powered device of their own.

Send a Friend Request—Tap to invite a friend, then enter their Infocast username or e-mail address in the on-screen keyboard.

New Friend Requests—Tap to see the list of invitations from other Infocast users.

My Friends—Tap to see a list of all of your friends.

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Viewing photos

You can view a slideshow of photos on your Infocast, making it work like a digital picture frame.

To view photos:

1 If you want to view photos from a memory card or USB flash drive, insert it into the appropriate port on the side or back of your Infocast. When the card or USB flash drive is inserted, a dialog box will appear, asking you to select the media type you want to play.

2 Select the media type in the dialog box or under Photos, tap:

- • **Internal** to view photos stored in your Infocast's internal memory.
- • **Network Devices** to view photos stored elsewhere on your computer network.
- • **Photobucket** to view photos stored in your Photobucket account on the Internet. Go to Photobucket.com to set up an account.

- **USB** to view photos stored on an attached USB flash drive.
- **Memory Card** to view photos stored on an inserted SD/SDHC/MMC/MS/MS PRO Duo/xD card.
- **CF Card** to view photos stored on an inserted CF card.

Viewing a slideshow of photos

To view a slideshow of photos:

1   Tap **PHOTOS**. The *Photos* screen is displayed.

2   Tap the location of your photos (**Internal**, **Network Devices**, **Photobucket**, **USB**, **Memory Card,** or **CF Card**).

3   Tap the photos you want to include in the slideshow. If you want them all, tap **SELECT ALL**.

4   Tap ▶ (play) to begin the slideshow.

5   While the slideshow is playing, tap the screen to open the photo shuttle.

Adding photos to a channel

You can select a few photos and drag and drop them to a channel. When that's done, a new app is created that contains those photos. You can mix this custom photo app with other apps and play them in the channel.

To add photos to a channel:

1   Tap **PHOTOS**. The *Photos* screen is displayed.

2   Tap the location of your photos (**Internal**, **Network Devices**, **Photobucket**, **USB**, **Memory Card**, or **CF Card**).

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3   Tap the photos you want to copy to your channel. If you want them all, tap **SELECT ALL**.

4   Tap and drag the selected photos to your channel. A message tells you that "You are about to send a slideshow to channel: [channel name]. The app will be named: Photos for your Channel."

5   Tap **SEND** to continue, **RENAME** to change the name of the app, or **CANCEL** to exit.

6   When you go to your channel, you'll see the new app, and the app will play in the channel just like your other apps.

Copying photos or videos to internal memory

> **Note**
> When you copy photos to internal memory, they are converted to a 1600 × 1200 resolution that saves space.

To copy photos or videos to internal memory:

1   Tap **PHOTOS** or **VIDEO**. The available photo or video sources are displayed.

2   Tap the location of your photos or videos (**Internal**, **Network Devices**, **Photobucket**, **USB**, **Memory Card**, or **CF Card**).

3   Tap the photos or videos you want to copy to Internal Memory. All avaiable photos or videos are highlighted.

4   Tap and drag the selected photos or videos to the **Internal** tab under **PHOTOS** or **VIDEO**. If you selected **PHOTOS**, message appears that says "Would you like to create a new album for this copy? If not, these files will be copied to your "All" album." You can only drag one video at a time.

> **Note**
> If you drag the photos or a video to an existing album, the message does not appear.

5   Tap **NO** to copy the files to your "All" album, or tap **YES** to create a new album and enter a name for that album.

Your photos or videos are now located in the **Internal** tab, either under the "All" album, the new album you created, or the existing album you copied them to.

Listening to music

You can listen to music from a number of different sources, such as Internet radio (including Pandora, SHOUTcast, NYT Poscasts, or Blue Octy Radio) or a USB flash drive or Memory card).

After you start playing music, you can play an app. (You have to start the music before you play the app.)

To listen to Internet radio:

*   Tap **MUSIC**, then tap:
    *   **Pandora Radio** to listen to a new kind of radio. Free, personalized, and playing only music that you love. If you don't already have an account with Pandora®, go to pandora.com/chumby.
    *   **SHOUTcast** to explore 30,000+ online radio stations from around the world. You'll always find something you like on SHOUTcast Radio™.

- **New York Times Podcasts** to view high-quality news and information from one of the most respected names in journalism.
- **Blue Octy Radio** to play music streamed over the Internet using chumby's own radio service.

To listen to music on a memory card or USB flash drive:

1 If you want to listen to music stored on a memory card or a USB flash drive, insert the memory card or flash drive in the appropriate port on the side or back of your Infocast. When you insert memory, a dialog box opens.

> **Note**
> To access a USB flash drive or memory card that is already inserted in your Infocast, tap **MUSIC** in the Menu bar, then select **USB** or **Memory Card**.

2 Tap:
- **USB** to play compatible digital music files from an attached USB flash drive.
- **Memory Card** to play compatible digital music files stored on an inserted SD/SDHC/MMC/MS/MS PRO Duo/xD card.
- **CF Card** to play compatible digital music files stored on an inserted CF card.

3 Tap **MUSIC**, then tap **PLAY**.

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Playing video

Your Infocast can play back compatible video files stored on memory card or USB flash drive or video streamed from the Internet. See "Specifications" on page 31 for a list of supported file types.

To play video:

1 In the Infocast Menu bar, tap **VIDEO**. The VIDEO icons appear in the main content area.

> **Note**
>
> If you want to view video stored on a memory card or a USB flash drive, insert the memory card or flash drive in the appropriate port on the side or back of your Infocast. When you insert memory, a dialog box opens. Select the video source.

2 Tap:
- **Internal** to view video stored in your Infocast's internal memory.
- **Network Devices** to view video stored elsewhere on your computer network.
- **Photobucket** to view video stored in your Photobucket account on the Internet. Go to Photobucket.com to set up an account.
- **USB** to view video stored on an attached USB flash drive.
- **Memory Card** to view video stored on an inserted SD/SDHC/MMC/MS/MS PRO Duo/xD card.
- **CF Card** to view video stored on an inserted CF card.

Adding a video to a channel

You can add videos to a channel and play them in a slideshow. You can also drag and drop a video to a friend. The video will appear in the channel your friend selects.

To add a video to a channel:

1 Tap **VIDEO**. The *Video* screen is displayed.

2 Tap the location of your videos (**Internal**, **Network Devices**, **Photobucket**, **USB**, **Memory Card**, or **CF Card**).

3 Tap the video you want to add to your channel. You can only add one video at a time.

4 Tap and drag the selected video to your channel. The video will be added to your channel and will play alongside whatever apps or photos you have in that channel.

Troubleshooting

For the latest in FAQs and troubleshooting tips, go to www.insigniaproducts.com/chumby.

Maintaining

Updating the software

Periodically, we'll send you software updates. When a software update is available, a message appears on the screen. You can install the update immediately or wait until later. If you opt to wait, we'll remind you to install the updates later.

Restoring defaults

There may be times when your custom settings need to be completely discarded, so you can start over from scratch using the factory settings. This is called *Restore Factory Settings*.

To restore default settings:

1 Turn off your Infocast, then press a finger to the screen while you press the power button to turn it back on. The *Special options* menu opens.

2 Tap **Restore factory settings**. A message asks if you want to restore settings.

3 Tap **OK** to continue the process, or tap **CANCEL** to stop it.

4 If you tapped **OK**, follow the on-screen prompts until the process is complete. You'll have to complete the initial setup again. See the Quick Setup Guide for instructions.

5   When you're done, press **Restart to normal operation**. The Infocast restarts and returns you to the home screen.

Cleaning the Infocast

To clean your Infocast:

1   Turn off and unplug your Infocast., then wipe the exterior plastic with a damp (**not** dripping wet) cloth.

2   For extra thorough cleaning, wipe the exterior with a cloth dampened with soapy water, then wipe it down with a cloth dampened with clean water.

Caution
Make sure that no water or cleaning solution drips into the case.

3   To clean the touchscreen, wipe it with a clean, non-scratching cloth dampened with water or a mild glass cleaner that contains no alcohol or ammonia.

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Specifications

Display	8" color touchscreen
Resolution	800 × 600
Memory	2 GB internal (approximately 1.5 GB is available for photo and video storage)
Ports	USB 2.0 (2) Power (DC) Headphones (stereo)
Memory card support	SD, SDHC, CF, MMC, MS, MS Pro Duo (using included adapter); xD and microSD (using non-included adapter)
Audio file support	MP3, WAV, WMA, AAC
Video file support	AVI, MOV, MP4, FLV
Microphone	Internal (mono)
Speakers	Internal (2 1 W stereo)
Wireless Internet support	802.11 b/g
Software updates	Through wireless Internet access
Ambient operating temperature	14°F to 104°F (-10°F to 40°C)
Ambient storage temperature	-4°F to 158°F (-20°C to 70°C)
Humidity	Operating: 5% and 80% Storage: 10% ~ 90%
Battery (clock backup only)	Maxell CR2032H, 3.0V, 230mAh battery or equivalent

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

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6-month limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new NS-DP8CH ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of 6 months from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for 6 months from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 25 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States, Canada, and Mexico.

What does the warranty not cover?

This warranty does not cover:
- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

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Contact Insignia:

For customer service please call 1-877-467-4289
www.insigniaproducts.com

Software licensing

GNU GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Preamble

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When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

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For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions. "This License" refers to version 3 of the GNU General Public License. "Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks. "The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations. To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work. A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

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