User Guide

INSIGNIA™

Infocast™ Internet Media Display

NS-DP3CH

Contents

INSIGNIA

Welcome

Congratulations on purchasing your new Infocast™ Internet Media Display!

Your Infocast™ Internet Media Display 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™ Internet Media Display 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™ Internet Media Display. Most questions you'll have answered in these pages as you get acquainted with your new device.

Safety information

Always follow these basic safety precautions when using your Infocast™ Internet Media Display. 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™ Internet Media Display 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™ Internet Media Display to rain or moisture. To prevent it from falling, do not place it on an unstable cart, stand, tripod, bracket, or table. Keep your device away from strong magnets, heat sources, direct sunlight, and excessive dust.

Installation—Make sure that your Infocast™ Internet Media Display 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™ Internet Media Display through openings. Do not spill or spray liquid of any kind on or in your device (this may result in a fire or electric shock). Do not place anything heavy on your device. 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™ Internet Media Display. There is a risk of electric shock. Contact qualified service personnel if your device is in need of repair.

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

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Trade Name chumby

Responsible Party chumby industries, inc.

Address 12264 El Camino Real, Suite 203 San Diego, CA 92130

Telephone (858) 454-2420

7.   The GPL and LGPL source code contained in the Product is available as a free download from [http://files.chumby.com/source]. The licenses for the GPL and LGPL are available on the product by accessing the control panel main screen, tapping on "settings", then "chumby info", then "software license".

The licenses are also available on [www.insignia.chumby.com/pages.legal]

Features

- 3.5-inch touchscreen display with 320 × 240 resolution
- Internet-enabled apps and updates from chumby
- No subscription fees
- 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
- Music playback from USB flash drives
- Clock, alarm clock, and calendar
- Night mode
- Dimmable backlight
- Headphone jack and mono speaker built in
- USB port supports USB flash drives and more
- Universal Plug and Play (UPnP)

Insignia
button

Speaker

3.5"
touchscreen

Volume knob

FM antenna

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Power button   USB port   Headphone   Power port
                            jack

Package contents

- Infocast™ Internet Media Display (1)
- AC power adapter (1)
- *Quick Setup Guide* (1)
- *User Guide* (1)
- Cleaning cloth

System requirements

- Broadband Internet connection (such as cable or DSL). The Infocast™ Internet Media Display 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™ Internet Media Display as long as they properly support 802.11b or 802.11g.
- Computer with Internet access. This is required to activate your Infocast™ Internet Media Display and to configure the apps you want to show on it. After your device is set up, you'll only need a computer to configure certain apps.

Setting up your Infocast™ Internet Media Display

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

The basic steps for setting up your Infocast™ Internet Media Display are:

1 Connecting the power cord and turning on your Infocast™ Internet Media Display.

2 Calibrating the touchscreen so your Infocast™ Internet Media Display recognizes your taps.

3 Configuring the network connection.

4 Setting the timezone.

5 Setting the time and date (if they can't be set automatically from the Internet).

6 Activating your Infocast™ Internet Media Display.

Learning to tap

On your Infocast™ Internet Media Display, 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 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 , then sliding your fingernail across the screen to the setting you want.

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. You can also use a stylus.

Control Panel overview

This is your Infocast™ Internet Media Display's Control Panel:

#	Icon	Description
1	Default	Currently playing channel.
2	◁ ▷	Tap to change the current app.
3	HIDE CONTROL PANEL	Tap to close the control panel and resume normal app playback.
4	STAY	Tap to stop cycling and stay on the current app. Tap again to resume automatic app playback.

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#	Icon	Description
5	SEND	Tap to open the *Send apps to friends* screen.
6	RATE	Tap to open the *Rate this app* screen. For more information, see "Rating an app" on page 29.
7	DELETE	Tap to delete the currently selected app. For more information, see "Deleting an app from a channel" on page 25.
8	SETTINGS	Tap to open the *Settings* screen where you can adjust various settings.
9	ALARMS	Tap to open the *Alarms* screen where you can set the Quick alarm, custom alarms, and adjust the alarm volume. For more information, see "Setting alarms" on page 35.
10	NIGHT	Tap to put your device in night mode. Touch the screen or the top of your device to exit night mode. For more information, see "Using night mode" on page 47.
11	MUSIC	Tap to see a list of available music sources. For more information, see "Playing music" on page 30.

| #	Icon	Description
12	MUTE	Tap to turn off the sound. A red slash appears across the **MUTE** button. Tap again to turn on the sound. **Note:** The **MUTE** button does not mute or turn off the alarm.
13	CHANNEL	Tap to display options for the currently playing channel. For more information, see "Changing channel options" on page 23.
14		Drag the button on the slider left to decrease the volume or right to increase the volume.
15		WiFi signal strength indicator.

What are apps?

Apps are small (and sometimes fun!) programs you can run on your Infocast™ Internet Media Display.

What are channels?

A channel is a collection of apps. You can view the "Default" channel or create your own channels.

The Default channel contains some of our favorite apps to get you started.
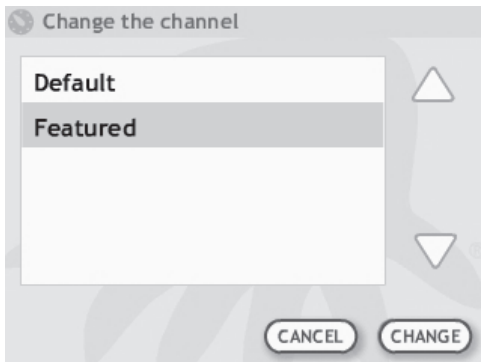
Creating a channel

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™ Internet Media Display.

To create a channel:

1 On your computer, go to www.insigniaproducts.com/chumby.

2 Log on to your chumby account. If you haven't set up an account yet, click **LOG IN/CREATE NEW ACCOUNT** and follow the instructions for setting up an account.

3 Move your mouse pointer over **MY DASHBOARD**, then click **my channels** in the menu that opens.

4 Click **add a channel**.

5 Under "Name," type a name for your channel.

6 Click **CREATE CHANNEL**.

Playing a channel

To play a channel:

1 On your device's Control Panel, tap **CHANNEL**. The *Channels* screen opens.
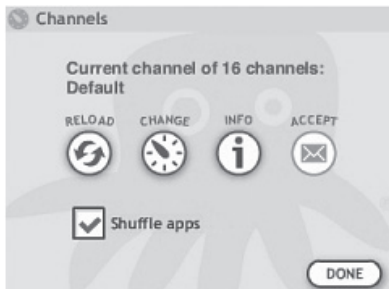
2 Tap **CHANGE**. The Featured Channel (along with any other channels you've defined) appears in the list.

3 Tap a channel to select it, then tap **CHANGE**.

4 Press the Insignia button on the top of your Infocast to begin playing the channel.

5 Press the Insignia button again to return to the Control Panel.

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Changing channel options
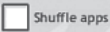
To change channel options:

1 On your device's Control Panel, tap **CHANNEL**. The *Channels* screen opens.

2 Tap an option button to change an option. You can change the following options for the currently selected channel:

Button	Option description
	RELOAD—Tap to reload the current channel. This option is useful if you have added or deleted apps from the channel and you want to see the changes immediately.
	CHANGE—Tap to open your channel list, tap the up or down arrow to select a channel, then tap **CHANGE**.

Button	Option description
i	**INFO**—Tap to view the list of apps in the currently selected channel, tap the up or down arrow to select an app, then tap **INFO** to view details about the app. When you are done, tap **INFO** to close the details screen.
✉	**ACCEPT**—Tap to view a list of the apps waiting for your approval, tap the up or down arrow to select an app, then tap **ACCEPT**, **DECLINE**, or **DONE**.
☐ Shuffle apps	If you check this box, the app play order will be shuffled whenever a channel is loaded from the server (either manually or on the normal ten-minute cycle). Shuffling takes place immediately. Stopping the shuffle requires a reload.

Deleting a channel

To delete a channel:
1 On your computer, go to www.insigniaproducts.com/chumby and log on to your account.
2 Move your mouse pointer over **MY DASHBOARD**, then click **my channels** in the menu that opens.
3 Click the box next to **Select a channel to manage**, then click the channel you want to delete.
4 Click **delete channel**.
5 When you see the confirmation message, click **OK**.

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Adding apps to a channel

To add an app to a channel:

1 On your computer, go to www.insigniaproducts.com/chumby and log on to your account.

2 Click **Apps**.

3 Click an app category, then click an app.

4 Click **add to channel**.

5 Click the channel you want to add the app to, then click **ADD**.

Deleting an app from a channel

To delete an app from a channel:

1 On your computer, go to www.insigniaproducts.com/chumby and log on to your account.

2 Move your mouse pointer over **MY DASHBOARD**, then click **my channels** in the menu that opens.

3 Click the box next to **Select a channel to manage**, then click the channel that has the app. All the apps in the channel are shown.

4 Click **remove** next to the app you want to delete.

Managing friends

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

To manage friends:

1 On your computer, go to www.insigniaproducts.com/chumby and log on to your account.

2 Move your mouse pointer over **MY DASHBOARD**, then click **my friends** in the menu that opens.

3 Click an option. You can select:

Send a friend request—Click to invite a friend, then type their chumby username or e-mail address.
New friend requests—Click to see the list of invitations from other users of chumby-powered devices.
My friends—Click to see a list of all of your friends.

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Sending an app to a friend

To send the current app to a friend:

1 On your device's Control Panel, press ◁ or ▷ to select the app you want to send.

2 Tap **SEND**. The *Send app to friends* screen opens.
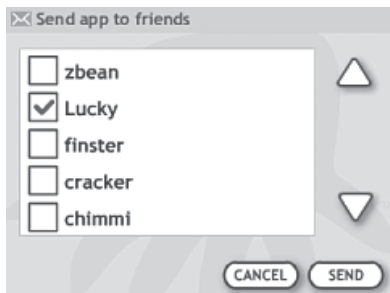
If no friends are set up, the *No friends for this account* screen opens.
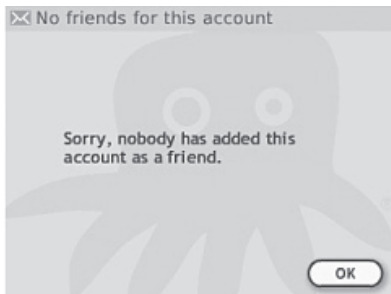
3 Tap the friend you want to send the app to (you can tap more than one), then tap **SEND**. Tap △ or ▽ to scroll through the list of friends.

Not all apps can be sent. The person who sent it to you may have marked the app as one that cannot be forwarded. If this is the case, the *Cannot send app* screen opens.

✉ Cannot send app

Sorry, this app cannot be sent.

OK
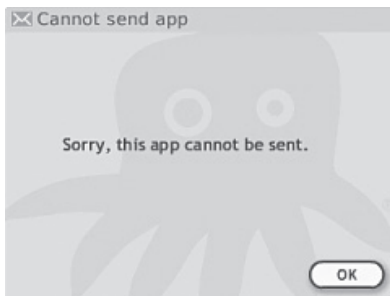
Rating an app

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   On your device, play the app you want to rate.

2   On the Control Panel, tap **RATE**. The *Rate this app* screen opens.
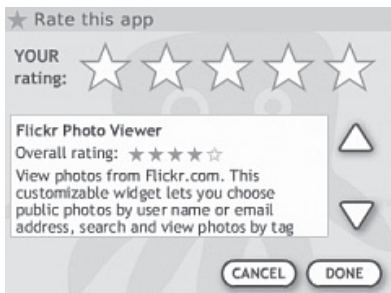
3   Tap △ or ▽ to view information about the app.

4   Tap a start to select a rating. You can select:
- 1 star—I hated it
- 2 stars—I didn't like it
- 3 stars—I liked it
- 4 stars—I really liked it
- 5 stars— I loved it

5   Tap **DONE** to return to the previous screen.

Playing music

On the *Music* screen, you can:
- Select a music source
- Start or stop playing a music source
- Adjust the volume of a music source
- Set the amount of time you want a music source to play before it turns off.

To select a music source:

1 On your device's Control Panel, tap **MUSIC**. The *MUSIC* screen opens with the list of available music sources.
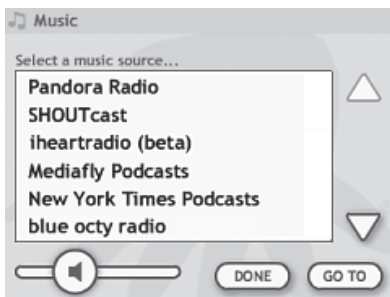
2 Tap △ or ▽ to scroll though the list of musica sources.

3 Tap the music source you want to play.

4 Tap **GO TO** and follow the instructions to start playing the source, then tap **DONE**.

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Information about the music source appears above the list and the **STOP** button is available.

To stop or start playing a music source:

- If a music source is playing, tap **STOP**. The source stops playing, and the **PLAY** button appears.

- Tap **PLAY** to start playing the source again.

To adjust the volume of a music source:

- On your device's Control Panel, drag the button on the volume slider ⬤ to the right to increase or to the left to decrease the volume.

To set the timer:

1 Tap **TIMER** on the *Music* screen. The *Music timer* screen opens.

♫ Music timer

How long do you want music to play before it turns off?

△

15 mins.

▽

☐ Timer on

(CANCEL) (DONE)
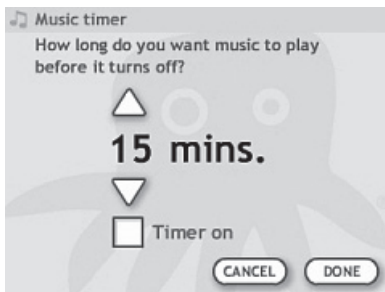
2 Tap △ or ▽ to select the amount of time you want the music source to play before it turns off.

3 Tap the **Timer on** check box to turn on the timer.

4 Tap **DONE** to return to the previous screen

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Setting the date and time

If you are connected to the Internet, the date and time are set automatically. If you are not connected to the Internet, you can manually set the date and time.

To set the date and time:

1 On your device's Control Panel, tap **SETTINGS**, then tap **TIME/DATE**. The *Time/date* screen opens.
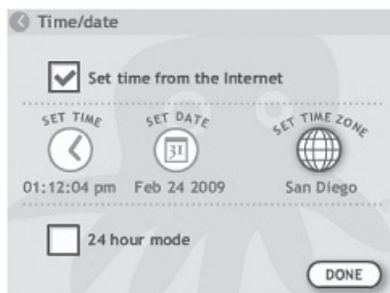
2 If the **Set time from the Internet** check box is checked, tap it to uncheck.

3 If you want the time displayed in the 24-hour format, tap the **24 hour mode** check box.

4 Tap **SET TIME**. The *Set time* screen opens. (If you checked the 24 hour mode check box, the AM/PM setting will not appear.)
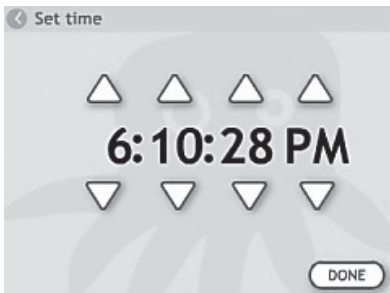
5 Tap △ or ▽ to set the hour, minutes, seconds, and AM/PM, then tap **DONE** to return to the previous screen. The *Time/date* screen reopens.

6 Tap **SET DATE**. The *Set date* screen opens.

7 Tap △ or ▽ to set the month, day, and year, then tap **DONE** to return to the previous screen. The *Time/date* screen reopens.

8 Tap **SET TIME ZONE**. The *Set time zone* screen opens.

9 Tap anywhere on the map to zoom in on that area (tap the magnifying glass in the lower left corner to zoom out). Tap a red dot to see the city's name. If the city's in your time zone, tap **OK**. The **Time/date** screen reopens.

10 Tap **DONE** to return to the Control Panel.

Setting alarms

On the *Alarms* screen, you can set the Quick Alarm, an unlimited number of Custom Alarms, and adjust the alarm volume.

You can create an unlimited number of custom alarms. There's no reason to limit yourself to just wake-up alarms — you can set audio reminders throughout the day, or have music or podcasts play at a set time.

To set the Quick Alarm:

1 On your device's Control Panel, tap **ALARMS**. The *Alarms* screen opens.
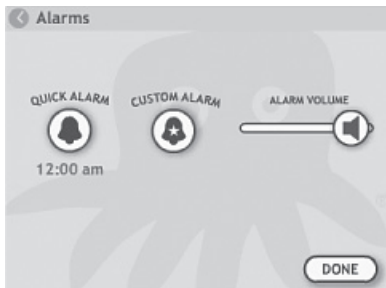
2 Tap **QUICK ALARM**. The *Set Quick Alarm* screen opens.

3 Tap the **alarm audio** arrow, then tap the type of sound you want for the alarm.

4 Tap △ or ▽ to set the hour, minutes, seconds, and AM/PM. (If you checked the **24 hour mode** check box on the *Set Time* screen, the AM/PM setting will not appear.)

5 Tap △ or ▽ to set the snooze time (up to 60 minutes).

6 Tap the **alarm OFF** button to turn on the alarm. The button changes to a red alarm **ON** button.

7 Tap **DONE** to return to the previous screen.

When the alarm tuns on the following screen appears:

```
┌─────────────────────┐
│ ○ Weekdays at 7:00 am
│  ( TURN OFF ALARM )  │
│                      │
│     7:00:03 AM       │
│                      │
│     ( SNOOZE )       │
└─────────────────────┘
```

Tap **TURN OFF ALARM** to completely turn off the alarm or tap **SNOOZE** to temporarily turn off the alarm.

To set a Custom Alarm:

1 On your device's Control Panel, tap **ALARMS**. The *Alarms* screen opens.

```
┌────────────────────────────────────────┐
│ ◀ Alarms                               │
│                                        │
│  QUICK ALARM   CUSTOM ALARM  ALARM VOLUME │
│      🔔            🔔        🔊──────── │
│   12:00 am                              │
│                                        │
│                            ( DONE )    │
└────────────────────────────────────────┘
```

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2 Tap **CUSTOM ALARM**. The *Set custom alarms* screen opens. The *Set custom alarms* screen shows all the alarms that have been set up. A default alarm is set for "Daily at 12:00 am" which you can edit or delete.

Set custom alarms

Tap the checkbox to turn an alarm on/off

🔔 ☐ Daily at 12:00 am

EDIT   INFO   DELETE   NEW   DONE
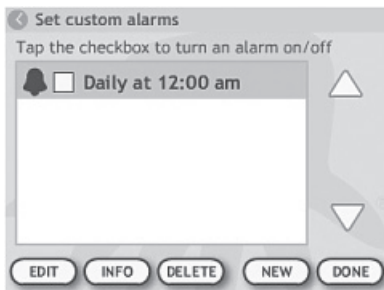
3 Tap **NEW**. The *Set alarm schedule* screen opens.

Set alarm schedule

When should the alarm sound?

Daily

One time

Weekdays

Weekends

Sundays

CANCEL   BACK   NEXT

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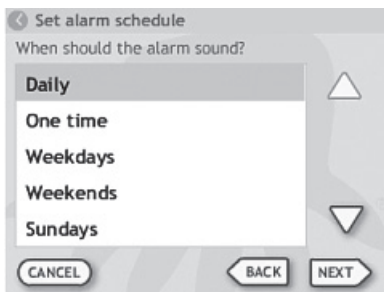
4 Tap △ or ▽ to scroll through the list, tap the alarm schedule you want, then tap **NEXT**. The *Set time* screen opens.
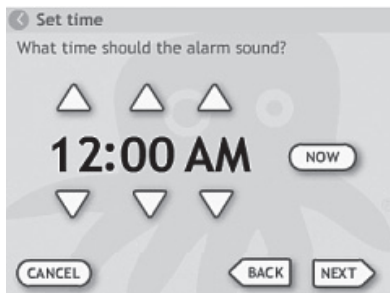
◁ Set time

What time should the alarm sound?

△ △ △

12:00 AM   (NOW)

▽ ▽ ▽

(CANCEL)   (BACK) (NEXT ▷)

5 Tap △ or ▽ to set the hour, minutes, seconds, and AM/PM. (If you checked the **24 hour mode** check box on the *Set Time* screen, the AM/PM setting will not appear.)
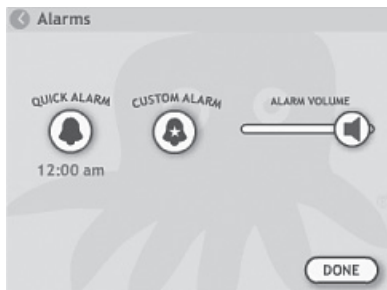
6 Tap **NEXT**. If this alarm will go off only one time, the *Set Date* screen appears.

◁ Set date

What day should the alarm sound?

△   △ △

May 20, '10   (TODAY)

▽   ▽ ▽

(CANCEL)   (BACK) (NEXT ▷)

7 Tap △ or ▽ to set month, day, and year, or tap
TODAY, then tap **NEXT**. The *Set audio* screen opens.

Set audio

What sound should the alarm use?

| None |
| Beep |
| Bugle |
| Klaxon |
| Clock |

CANCEL   BACK   NEXT
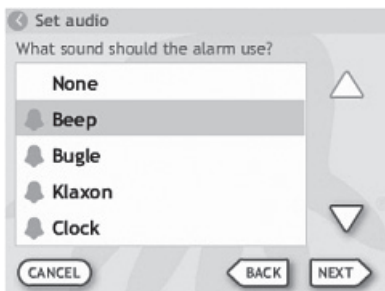
8 Tap △ or ▽ to scroll through the list, tap the sound
you want, then tap **NEXT**. If you choose one of the
music sources for your alarm, you'll see a second screen
that lets you fine-tune your music source.

If you select **None** for audio, skip to step 14.

The *Set duration* screen opens.

Set duration

How long should the alarm sound?

△

30 mins.

▽

CANCEL   BACK   NEXT
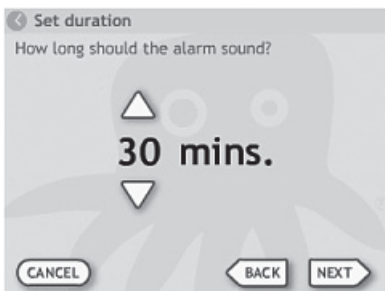
9 Tap △ or ▽ to select the amount of time you want the audio alarm to play before it turns off, then tap **NEXT**. The *Set backup alarm* screen opens.

◀ Set backup alarm

Should the backup alarm be on?

○ yes   ● no

The backup alarm will wake you with a loud beep if you don't respond to your primary alarm. An unreliable internet connection could affect your primary alarm.

(CANCEL)   (BACK   NEXT)
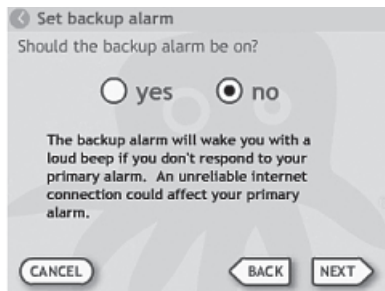
10 Tap **yes** if you want a backup alarm or tap **no** if you don't want a backup alarm, then tap **NEXT**.

If you select yes, when the alarm goes off the following screen appears:

(TURN OFF ALARM)

7:00:03 AM

(SNOOZE)

If you do not tap **TURN OFF ALARM** before the alarm time expires, the backup alarm (a loud beep) will sound.

If you select yes, the *Set backup alarm delay* screen opens.

Set backup alarm delay

Wait how long before the backup alarm sounds?

△
5 mins.
▽

CANCEL   BACK   NEXT

11 Tap △ or ▽ to select the amount of time you want the backup alarm to wait before it turns on, then tap **NEXT**. The **Display alarm off/snooze screen** opens.

Display alarm off/snooze screen

Should this screen appear when alarm occurs?

⊙ yes   ○ no

TURN OFF ALARM
12:57:46 AM   The alarm off/snooze screen
SNOOZE   (displayed to the left) allows
                     you to turn off the alarm or
                     snooze.

CANCEL   BACK   NEXT
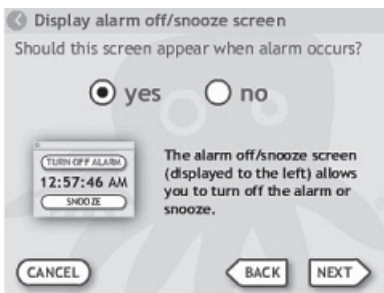
12 Tap **yes** if you want the *TURN OFF ALARM/SNOOZE* screen to appear when the alarm goes off or tap **no** if you don't want the screen to appear, then tap **NEXT**.

If you select **yes**, the *TURN OFF ALARM/SNOOZE* screen appears, giving you the option to turn off the alarm or snooze.

If you select **no**, the *TURN OFF ALARM/SNOOZE* screen will not appear — this means your audio source will automatically turn on and play for the entire alarm duration that you set. The Action you select in step 14 will also be performed. This setting is ideal if you want to hear or see something at a specific time of the day (like a podcast at noon or a specific channel at 3:00 pm—or both at the same time!).

If you selected yes, the *Set snooze duration* screen opens.
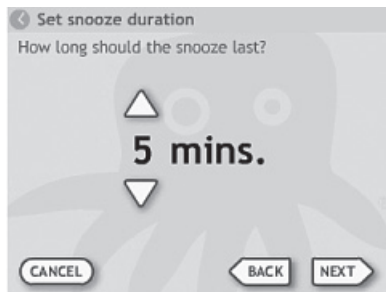
13 Tap △ or ▽ to select the amount of time you want to snooze before the alarm turns on again, then tap **NEXT**. The *Set action after alarm* screen opens.
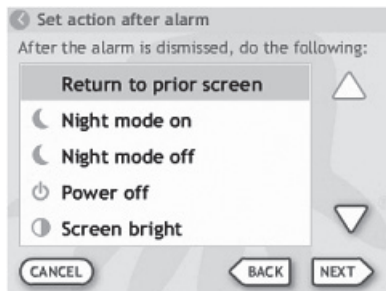
14 Tap △ or ▽ to scroll thought the list, tap the action you want to occur after you turn off the alarm, then tap **NEXT**. You can select:

- **Return to prior screen**—Whatever your device was doing before the alarm went off will resume after the alarm is turned off. If your device was in night mode, it will resume whatever it was doing before you put it in night mode.
- **Night mode on**—Puts your device in Night Mode after you turn off the alarm.
- **Night mode off**—Takes your device out of Night Mode and resume play of the current channel after you turn off the alarm.
- **Power off**—Turns the power off when you turn off the alarm.
- **Screen bright**—Goes to normal play mode with the screen at the maximum brightness setting you set under **Brightness** on the *Settings* screen.
- **Screen dim**—Goes to normal play mode with the screen at a dim brightness setting.
- **Screen off**—Makes the screen totally dark. Any touch to the screen will restore it to normal play mode.
- **Play** (channel name)—All of your channels will be listed — you can choose any one to play after the alarm is turned off.

The *Name this alarm* screen opens.

```
Name this alarm

Daily at 12:00 am          CLEAR

q  w  e  r  t  y  u  i  o  p
 a  s  d  f  g  h  j  k  l
  ⇧  z  x  c  v  b  n  m  ⌫
  _123    space    @  .  ⏎

CANCEL              BACK  NEXT
```

15 Use the keyboard to enter a name for the alarm, then tap **NEXT**. The *Alarm info* screen opens.

```
Alarm info

Alarm name: Quit Snoring!
When: Daily at 7:00 am
Audio: Play "Radio Paradise"
Audio duration: 30 minutes
Backup alarm: On after 5 minutes
Alarm/snooze screen: On
Snooze: 15 minutes
After alarm: Change channel to "my faves"

                    BACK  DONE
```
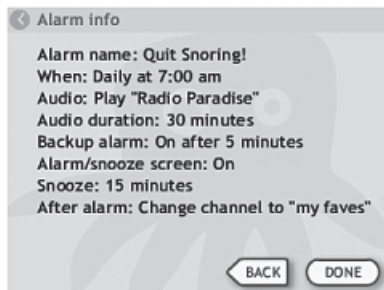
16 Tap **DONE** if all the settings are correct, or tap **BACK** to return to a previous screen. When you tap **DONE**, the *Set custom alarm* screen opens, and the new alarm appears. You can turn the alarm off by unchecking the box. If a box can't be checked, then it's a one time alarm with a time and date that has passed. You can edit the alarm for another time and date in the future.
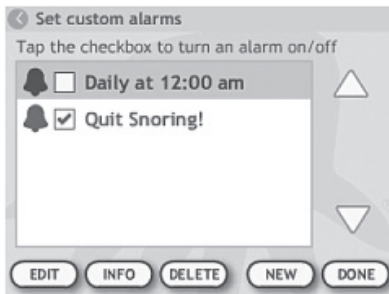
Adjusting the sound

To adjust the sound:

- On your device's Control panel:
    - Drag the button on the volume slider to the right to increase or to the left to decrease the volume. You can also tap **SETTINGS**, tap **VOLUME**, then drag the volume slider.
    - Tap **MUTE** to turn off the sound. A red slash appears across the **MUTE** button. Tap again to turn on the sound.
    - Tap **SETTINGS**, tap **VOLUME**, then drag the speaker slider to adjust the balance when using headphones.

Using night mode

In night mode, the screen darkens and displays:

- Current time
- Name of the alarm set to go off next (or **Off** if none is set)
- If the music timer is enabled, the time remaining is shown

To turn on night mode:

1 On your device's Control Panel, tap **NIGHT**.
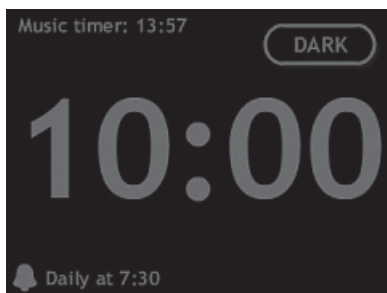
If a music source is playing when you go to night mode and the music (or "sleep") timer has not been set, the *Music Timer* screen opens so you can set the number of minutes before the music source turns off.

2 Tap **DARK** to make the screen totally dark. Touch the screen to return to standard night mode.

3 If you want to change the level of dimness for night mode, go back to the Control Panel, tap **SETTINGS**, then tap **BRIGHTNESS**. Drag the night slider left to make the night mode screen even darker.

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.*

> **Caution**
> If you restore factory settings, all files in the internal memory will be erased.

> **Note**
> Restoring factory settings will not deactivate your Infocast™ Internet Media Display. To deactivate it, log on to your chumby account, click **My Dashboard**, select your Infocast™ Internet Media Display, then click **delete**.

To restore default settings:

1 Turn off your Infocast™ Internet Media Display, 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.

Cleaning the Infocast™ Internet Media Display

To clean your Infocast™ Internet Media Display:

1 Turn off and unplug your Infocast™ Internet Media Display, 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.

Specifications

Display	3.5" color touchscreen
Resolution	320 × 240
Ports	USB 2.0 (1) Power (DC) Headphones (stereo)
Microphone	Internal (mono)
Speaker	Internal (1W × 1 mono)
Wireless Internet support	802.11 b/g
Software updates	Through wireless Internet access
Dimensions H × W × D	3.75 × 4.56 × 4.13 in. (9.54 × 11.6 × 10.5 cm)
Ambient operating temperature	14°F to 104°F (-10°C to 40°C)
Ambient storage temperature	-4°F to 158°F (-20°C to 70°C)
Humidity	Operating: 5% and 80% Storage: 10% ~ 90%

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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.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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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.

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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?

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- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
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