

Chime Master®



AX

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Welcome!

Thank you for becoming a Chime Master customer! The instructions in this QuickStart Guide are specifically for use on the front panel touchscreen of your Advanced eXperiend ringing system. Once the internet has been connected, you can also use our remote management website, Chime.Center.

Power Light Button

Plug in the system to power it up. Normal operation is indicated when the blinking power light becomes solid gold. Click the light once to dim or brighten the screen. Double-clicking this button works the same as the stop function on the screen, and the light will momentarily turn red.

To power down the system, press and hold the gold button for about two seconds until it turns red. The light will blink through several colors until it is solid blue. At that time, the power is off. This is when you can connect or disconnect any accessories like the WiFi antenna or a keyboard. Tap the blue light again to restart the system.

If you need to unplug your system, follow the instructions above to power down the system. Wait for the solid blue power light before disconnecting power.

Guided Setup

The system will be locked and display a clock after starting. This lock screen is also a secure screen saver. If left alone, the screen will go into standby mode, and the screen will go dark. The gold power light indicates that the automatic schedule will still play, and manual commands can be given. To wake up the screen, tap it, or click the power light button, so you will be prompted to enter your PIN, then tap the checkmark. From the factory, the PIN is **1234**. It can be changed in User Profile under Settings.

Chime Master may have collected your scheduling details and seasonal options before shipment or installation. In that case, the system setup may be complete, and you will see your home screen after first logging in.

More often, there will be a few questions to answer to fully synchronize your new Advanced eXperience system with your traditions and music preferences. Once you finish the Guided Setup, you will see your home screen.

Helpful Information



Many screens provide a blue informational icon below the status button. Tap this button to see additional information and tutorial videos which accompany the current screen.



Low Volume is an option on the Platinum.

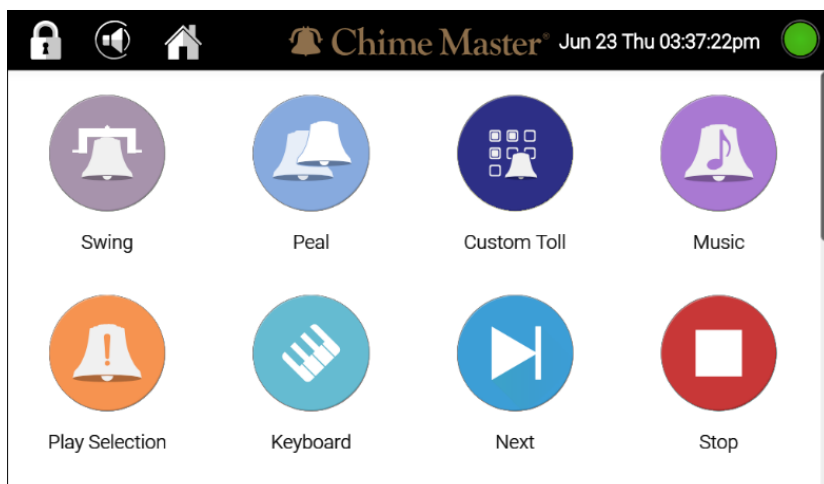
Toolbar

The toolbar is present on every screen. Tapping the lock button displays the clock screen, which is your system's screen saver. To unlock the system, a PIN is required. Tapping the speaker icon will temporarily change the inside volume. Set your default volume and speaker setting in the Settings menu. The home icon and the Chime Master name will take you back to your home screen. If you have pending changes on the current page, they will not be saved. The back arrow works the same way but takes you back only one screen. The status icon is at the end of the toolbar. Tap the status icon from any screen to see the currently playing song and other status details.

Home Screen

The home touch screen is comprised of several colored buttons. Some of them, like Stop and Settings, are permanent, but most can be changed. Tap and slide the screen to go down to Settings, then Customize Home to reorder the buttons, add your most-used functions, and edit or delete buttons you don't need.

Using A Quick Function



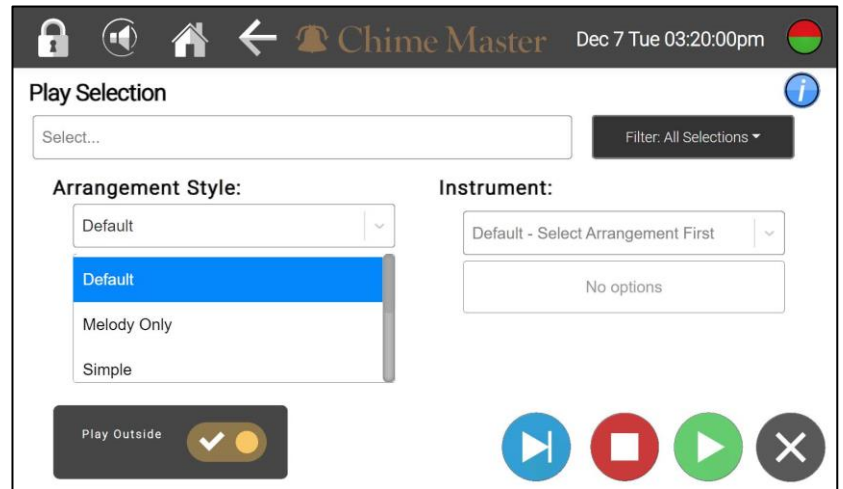
Play An Almanac Song

While on the home menu, tap the Music, Swing, or Peal button and confirm to hear your first song or ringing function. Tapping the Next button will end the current song and start the next one. The Stop button will end all of the music you initiated or anything playing automatically.

Visit the Settings menu to adjust your volume while music is playing.

Play Specific Song

Tap Play Selection on the home menu. Use the touchscreen keyboard to search for your favorite title. Tap the full name from the list, then tap the green play button at the bottom and confirm. When finished, tap the X at the bottom of the screen to exit the Play Selection page and return to your home page.



Internet Connection

Some features of the Advanced eXperience systems require internet connectivity. These features include automatic updates, remote accessibility, and our online portal, Chime.Center. You can choose to use *either* a wired or wireless internet connection. On the PIN screen, a globe with a checkmark indicates a successful connection.

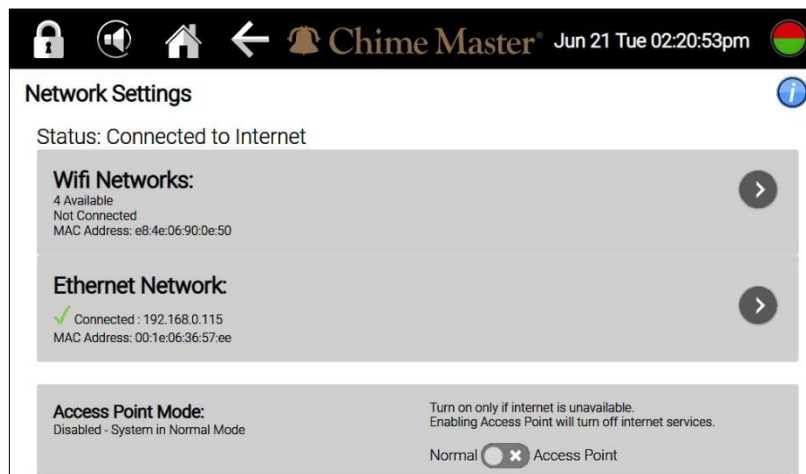
Ethernet Cable

Power down the system to connect an ethernet cable directly from your router to the ringing system. Upon the restart, the connection will be recognized.

WiFi

To use a WiFi network in your building, power down the system to connect the included WiFi antenna. Plug it into a USB port on the back of the ringing system. Restart the system and sign in, then visit Settings and Network. Tap WiFi Networks and choose the one you want to use. Enter the password and tap Connect. A checkmark and IP address will appear on this screen when the connection has been made. Tap the Chime Master name to return to the home screen.

While your system can connect to a network using either ethernet or WiFi, they should not be used simultaneously.





Connect to the Internet



iOS Remote



Android Remote

Remote Setup

Once an internet connection has been established, it's easy to set up your smartphone or tablet as a remote control. Tap Remote on your system's home screen and re-enter your PIN. Using your camera app on your phone, frame the displayed QR code (do not take a picture) and tap to follow the link provided. The remote app mirrors the home screen on the Advanced eXperience system. You can tap an icon and confirm commands in the same way. On your phone's browser, find the menu or share button, then select the option to "Add to Home Screen." The Chime Master remote will now be among your other apps.

Chime.Center

Our online management portal, Chime.Center, looks best on a tablet or larger screen. It has all the functions of the front panel touchscreen and additional features. Chime.Center provides full access to basic and advanced scheduling and other system details. You can create and review your schedule, customize liturgical seasons, and edit the music that plays during a specific season from any internet-connected browser. These features are available at no additional cost to every AX customer. Sign in with your email and password by going to our website: [Chime.Center](https://chime.center).

If you have not set a password, email service@chimemaster.com to provide the name and location of your building and the email address you want to use.



Chime.Center Login

Basic Scheduling

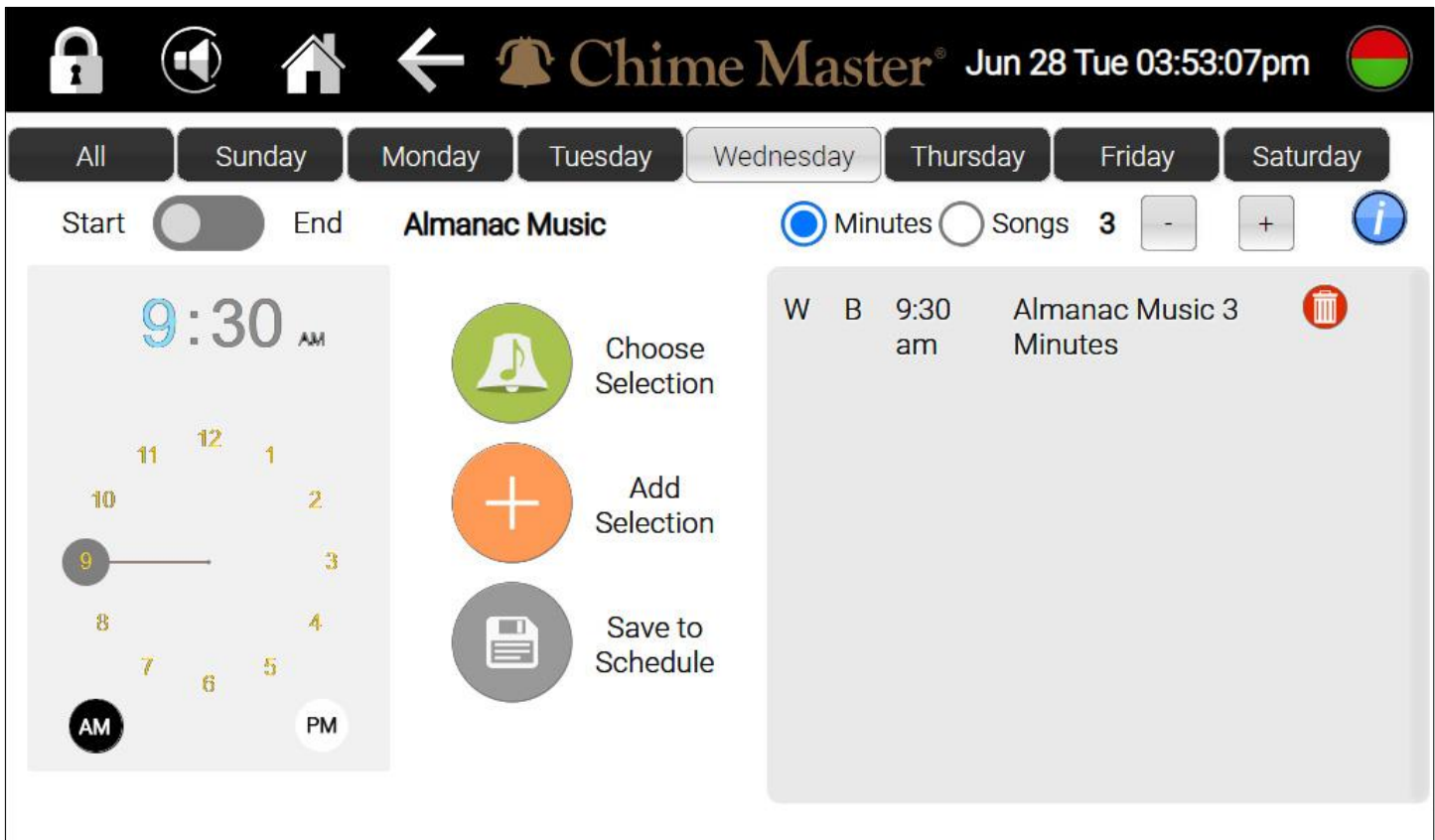
From the system's home screen, tap Schedule. Here you can add a weekly, monthly, or annually repeating event or a one-time event. You can also add or edit your time strike and Angelus, review your schedule of events, and see what has recently played and what will play on your system.



Review Schedule

Newly created Weekly, Monthly, Annual, and One Time events will play *in addition* to what is already scheduled. Before making changes to your schedule, we recommend choosing Review first to see what is already scheduled.

Once you've decided what you want to add to your schedule, choose one of the first three buttons on the top row of this menu. The process for each is very similar. Weekly events are scheduled most often, so it is used in this written example and the video tutorial. A call to worship or call to mass should also be added as a weekly event. The time strike and the Angelus repeat weekly but are configured in separate menus.



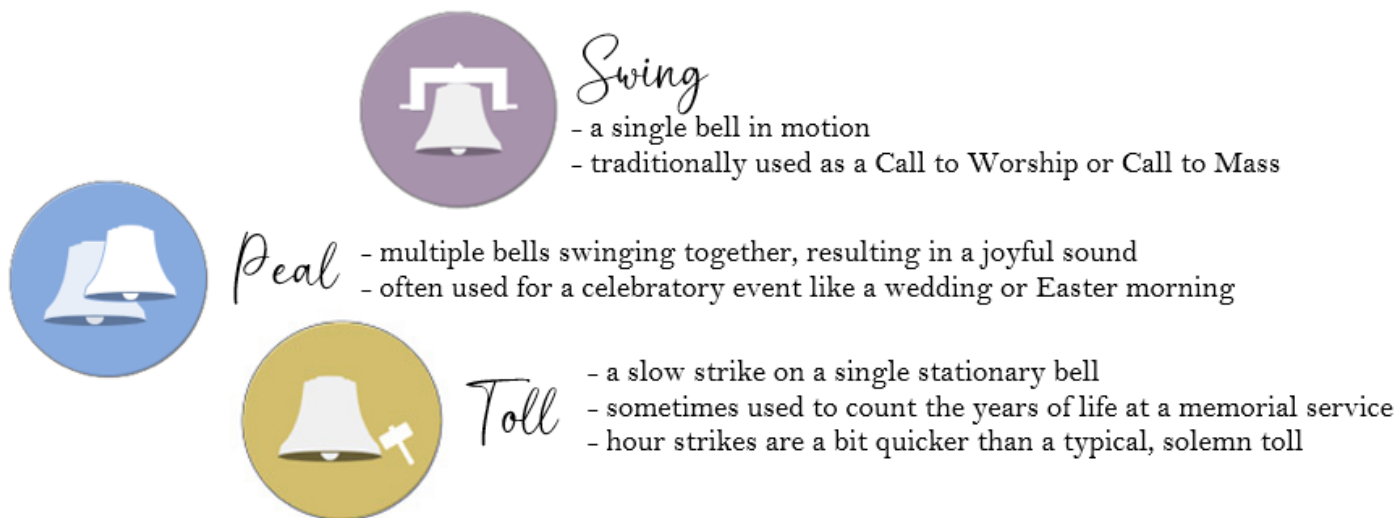
From the Schedule menu, choose Weekly. Set the Start or End time, including AM or PM, then tap to highlight the day(s) of the week you want this event to repeat. Tap Choose Selection, and a new window will open. Choose one of the following:

Almanac Selected Music

Once this is selected, tap the checkmark. On the next screen, choose the number of minutes or songs. Choose this option if you don't want the same music to play every time this event happens.

User Selected Music/Ringing

Type into the search field to find a specific song or function. Select the full title and tap the checkmark.



When your title and details are correct, tap Add Selection and your new event will be added to your review list. To add another event, start again by choosing the time, day(s), and selection. Each time, tap Add Selection. Once you've finished adding events, look over your review list, and tap Save to Schedule. Your list will be emptied, and your new events will be shown when you Review your schedule. Tap the Chime Master name to return to your home screen.

SmartAlmanac

All Chime Master ringing systems feature our unique and proprietary SmartAlmanac™. This feature organizes an expansive musical library to always play appropriate music on the special days and seasons of the year. This means that instead of editing the system's schedule with specific hymns every week or weeks ahead, all you have to do is tell the system when to play SmartAlmanac music and it will do it for you. It is truly a set-it-and-forget-it system.

For More Information

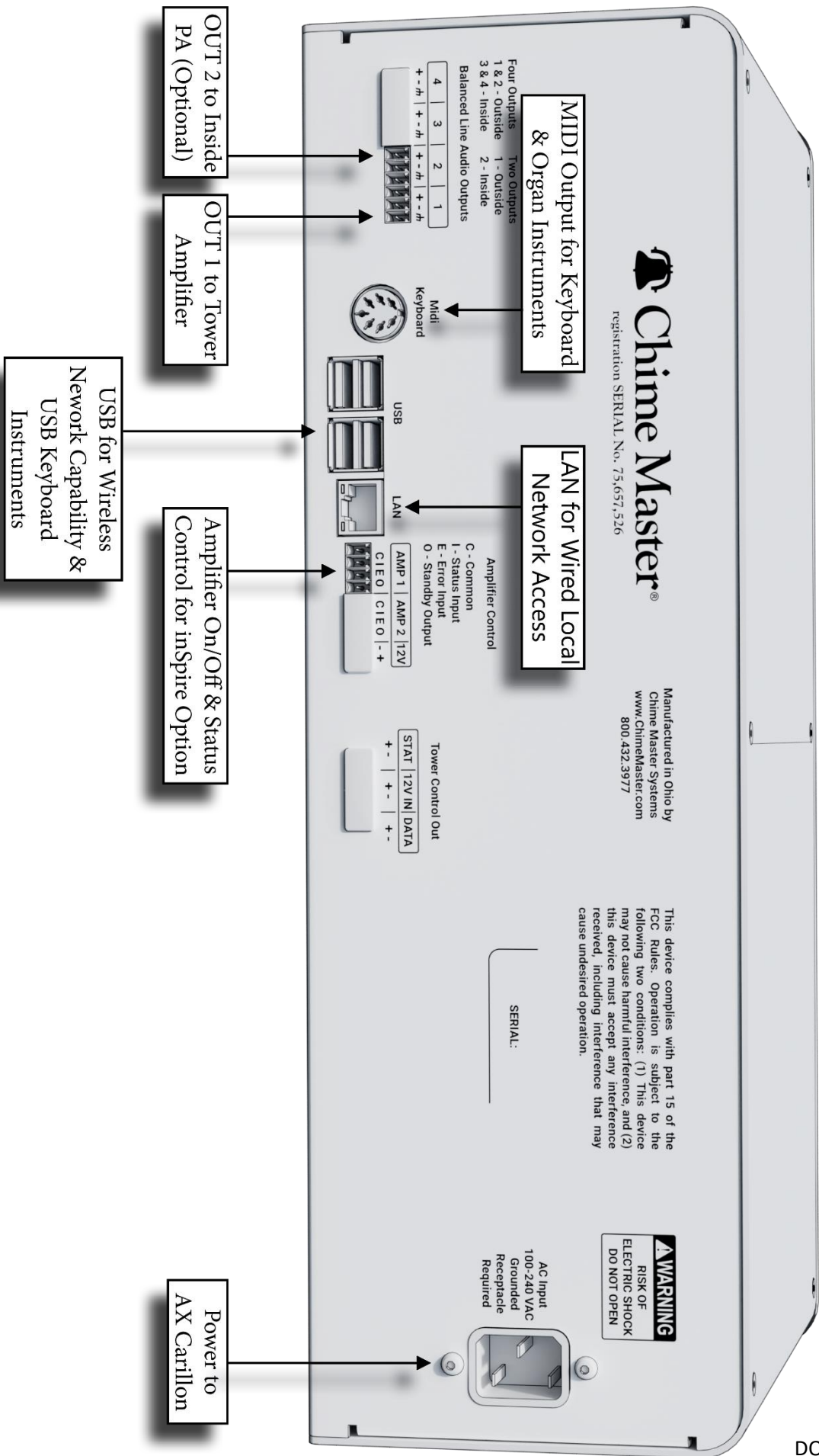
With our Premium Chime.Center subscription, you can also create Custom Peals, Swinging Bells, and Tolls, and unlock Advanced Scheduling options.

Advanced Scheduling allows you to automatically have different schedules for different times of the year. For example:

- Ring a unique Angelus pattern during the Easter season.
- Prepare an annual Mass schedule for the Advent season only.
- In the summer months, ring the first call to worship bell at 9:30 am instead of 9 am.

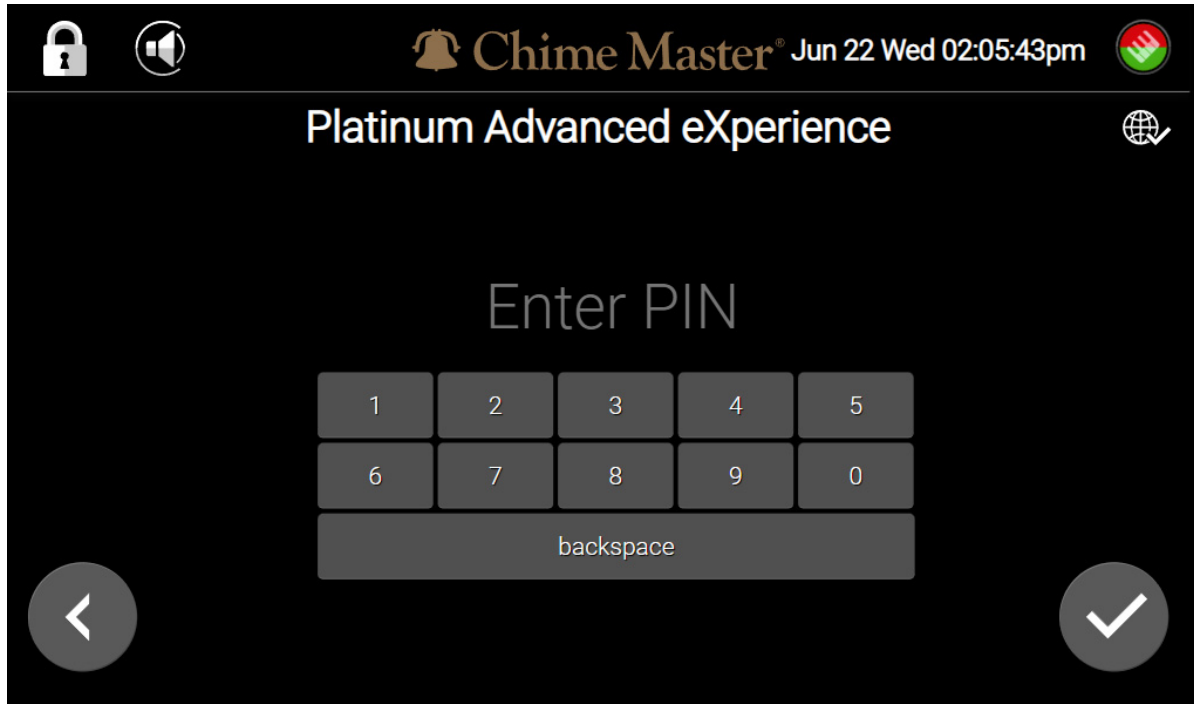
A Premium Chime.Center subscription also provides complete management of your schedule by Chime Master personnel so you can focus on your other responsibilities!

All Advanced eXperience features, including Chime.Center, are thoroughly explained in our full manual. Go to www.help.chimemaster.com to view the manual, additional step-by-step help videos, installation diagrams and more. We are happy to help when you contact us at service@chimemaster.com.



Login screen AX

If the touch screen light has timed out, click the power light to turn it on and set the brightness. The lock screen features a large clock display. Tap the clock to bring up the login screen.



Login

The AX front panel login screen accepts a numeric PIN to identify and authenticate local users. When the correct PIN has been entered, the system will display the user's customized [home screen](#). To change your PIN visit your [User Profile](#).

If your ringing system has established a connection with chime.center the login screen background will display animated constellations. This means that the system can be managed and controlled remotely through Chime Center hosted apps.

While menus are locked

Any user can perform the following actions without logging in and unlocking the system.

Front panel speakers

The top left toolbar includes a Front Speaker Control with three volume settings, Mute, Low (Platinum only) and Loud. This speaker control temporarily only affects the front panel speakers. Any inside PA equipment or speakers connected to the rear panel of the system are not affected. The outside speakers are not affected. At the next scheduled concert, the front speakers will revert to the default setting.

Cancel current concert

The gold colored power light can also be used to cancel any concerts in progress. Double click the power light to cancel. This affects all speakers everywhere.

Power off the system

Press and hold the gold power light until it turns red and release. The system will shut down. This is indicated by a solid blue light. To restart the system click the blue light once.

Home screen AX

The home screen presents the main menu for each user of the system. When the system is unlocked and displaying the home screen, the **tower amplifier** will also become active so selections will play immediately.

Toolbar



This toolbar appears at the top of the screen in all menus. From left to right its components are:

Padlock

Tap the padlock to lock the system before you walk away to prevent unauthorized tampering (system automatically locks after 15 minutes of inactivity from most screens)

Front speaker control

Tap the speaker to cycle through three volume settings: Mute, Quiet and Loud (Bravo and Millennium are On or Off). The default setting will revert the next time the system plays. Save the front panel speaker setting and fine level adjustment in [Settings - Volume](#)

Back arrow

Tap the back arrow to return to the previous screen

Home

Tap the home icon or Chime Master logo to return to your home screen

Date and time information

not touch enabled

System status indicator colors and icons

You can tap this icon for text explanation of the following:

Blue for Standby

Yellow for Initializing (amplifier waking up)

Green for Ready

Red for Muted (upper half outside, lower half inside zones)

Music note is displayed during selection play (tap icon to display title of selection)

Keyboard icon is displayed when keyboard mode is active (automation is suspended)

Diagonal slash indicates that automation is suspended



Hour glass indicates amp initializing, swinging bells are coasting (Tower bells option) or the database is busy

Gears indicates schedule processing after boot-up or changes to schedules or settings

User home menu

Because there really is no limit to the number of buttons you can customize on the home screen, you may have to scroll the screen to see all of the selections.

Quick function buttons

The remaining buttons on the home screen are individually configurable on [Settings Customize Home](#) screen. They can be set to ring bells (specific) or play music (specific songs, random seasonal songs or randomly from an album of music).

After tapping on one of these buttons, a confirmation window will pop up. Tap Yes to play now or No to cancel.



Factory default quick functions

These common manual play functions will be on your home screen on a new system. If they do not appear on your screen, they may have been removed.

Swing

for call to church - 1 minute (or until Stopped)

Peal

for weddings and festive services - 5 minutes (or until Stopped)

Custom toll

Select any available bell, number of tolls (or time duration) and tempo before ringing

Suspend Schedule

When the schedule is active, the button appears dark red and is labeled *Suspend Schedule*

Tapping the button when it is red prompts you for an ending date and time for schedule suspension.

When the schedule is suspended, the button appears dark green and is labeled *Resume Schedule*

Tap the button when it is green to immediately resume scheduled ringing.

Keyboard (Millennium and Platinum models)

play the bells from your connected MIDI keyboard and make recordings to expand your library.

Next Selection

stops the current selection and begins playing the next selection (if more selections are in the play queue).

Stop

will stop the current selection and clear the play queue.

Double clicking the lighted power button will also do this.

Play Selection

menu allows you to pick a song, then optionally specify an arrangement and an instrument.

Almanac Music

two songs from the SmartAlmanac's current season

Hymns

two songs from the General Hymns album

Remote

displays a QR code used to install the Remote Control on a smart phone or tablet.

Administrative features

These buttons will only appear on administrator home screens.

Schedule

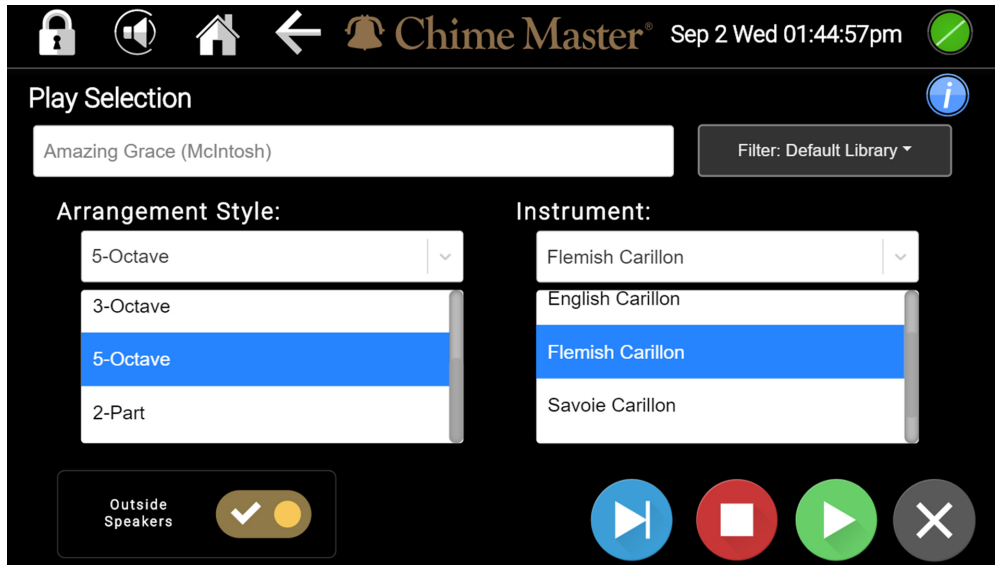
brings up the scheduler menu.

Settings

brings up the system settings menu.

Play Selection AX

This screen can be used to immediately play any selection with any arrangement on any instrument at any time. Selections played on this screen currently default to play both inside and outside. Use the Outside speakers selector at the bottom of the page to mute outside zones. The performance of scheduled ringing and concerts is suspended while this screen is active.



Select a song to play

Tap the Selection box to choose a song to play. You may shorten the list using the filter box on the right to see only the music from your worship tradition or bell ringing only.

When the search screen comes up, type a word that is in the title of the song you want to play. The list will begin to populate with every song containing your search word(s). Scroll through this list or add more to your search. Once you see your title, tap it, and the Selection box will now display the selected song.

Play the song

Unless you change the arrangement and instrument from the default settings, the Music Style you have selected in the Settings menu will be used (when multiple arrangements are enabled in settings, the system will randomly choose one).

Pressing the green play button will open a verification dialog that waits for you to press OK to play the song, or queue it with other songs you previously have selected. While the verification dialog is open, the automatic schedule is suspended for up to one hour. After you play the

selection(s), the system will return to automatic standby.

While the selection is playing you can search other titles and/or arrangements of the same song and add them to the queue with the play button. The blue Next selection button will cancel the current song and advance to the next in queue. The red Stop button will cancel all.

Try other arrangement and instruments

You may choose alternate arrangement styles and instruments according to your model's capabilities.

You may also audition various music style combinations in [Settings - Music](#), where you select your preferred style(s) for scheduled music.

Remote AX

The Chime Master AX Remote control finally brings immediate, frustration free and secure control to the bell ringing world. Provided your bell ringing system has an Internet connection and your phone or tablet also has a good carrier broadband or WiFi data connection, one scan of a QR code will provide control of the system anywhere you go. Not everyone has Internet at their church, so we've provided alternative solutions for the same functionality when you are close to the carillon.



The remote control provides the quick function buttons on each user's customized home screen. Alternatively, log in to **Chime.Center** (<https://chime.center>) from a tablet or PC to manage your ringing schedule, individualized user's access and other settings. Contact our customer service representatives to help you set up your account at 800-432-3977.

Setup

No app store download required!

This section assumes that both the bell system and your phone/tablet are connected to the Internet. If you have used [Network Settings](#) to enable the ringing system's Access Point mode follow [AP instructions below](#).

Obtain a secure access QR code

Scroll down to and tap the Remote button on the system's touch screen. Enter the PIN code of the user for whom you are installing the remote. The displayed Quick Response (QR) code has

the secure information needed to load the remote for the selected user. Scan the code with your phone or tablet to load the remote control page on your device.

Scanning the code

Open the appropriate barcode scanning app, point the camera at the code and click on the notification link that pops up when the code is recognized.

Sometimes the device camera will read the code more reliably when the system screen is dimmed. Click the front panel power button (the gold light) to dim the screen if unable to scan at full brightness.

When you click the link that pops up after scanning the code, your browser will load your home screen served by the Chime.Center web portal. Use your browser's menu to save the remote control to your phone's home screen. You will be able to use your phone to control the bell system from anywhere you have an Internet connection.

Apple

iOS 11 or newer can scan the code with the camera app. Launch the Camera app, point at the code and look for a notification at the top of the screen. Other QR code apps are available in the App Store for older phones and tablets.

Android

Android 12 or newer can scan the code with the camera app. Many Android devices can use either a manufacturer's supplied scanning app or Google Lens to scan the code. Lens is available in Assistant if Google Photos is installed. New Android releases may have the camera search Lens icon at the right of the search widget.

Touch and hold the home button on older Android phones to launch assistant and look for the Lens icon (camera with dot on lower right). Other QR code apps are available in the Play Store if needed.

Save to home screen

The first use of the remote app will be in your phone's browser. If you use your browser's Add To Home feature, it may appear on the home screen, or it may appear in your listing of all apps (from where you can drag it out to a home screen). If your secure authentication expires, you will

need to update it by scanning a new QR Code on the bell ringing system.

Apple only allows Safari to add to home screen. If you have another browser set as default, you can bookmark the remote. We suggest that you temporarily set your default browser to Safari and add the remote to your home screen, then change your Settings to your preferred browser.

Functionality

Your home screen will now be available on your phone or tablet to activate quick functions for music and ringing. You can create and edit these quick functions using Settings - [Customize Home menu](#).

Status

The status icon at the top right of the display shows the system status.

Launching the remote app immediately wakes the audio system, but it takes a few seconds for the amplifiers to be ready to play. If you initiate ringing before the amplifiers are ready, you will experience a delay before ringing begins.

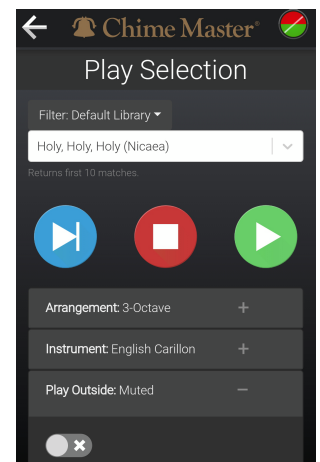
Closing the app screen starts a five minute timeout after which the amplifier will return to sleep mode.



Play Selection

Tap the Play Selection button to play a specific song or ringing selection. Use your phone keyboard to enter a word or phrase to search for and up to ten matches will be returned. Tap the desired selection in the search list to put its full title in the search bar and close the list.

You can tap the green Play button at this point and the system will use your [music style preferences](#) to play the title. If you want to choose from other available arrangement and instrumentation options, use the selectors on the lower part of the screen before tapping Play.



You may also turn off outside speaker zones so you can audition arrangements and instruments through your inside speakers without broadcasting the selections.

While a selection is playing you can select additional titles or styles to play. When you tap the play button again the selection is added to the queue. You can skip from the currently playing selection to the next selection in the queue by tapping the blue Next button. Tapping the red Stop button will clear the queue and stop playing.

Return to the remote home screen by tapping the upper right back button.

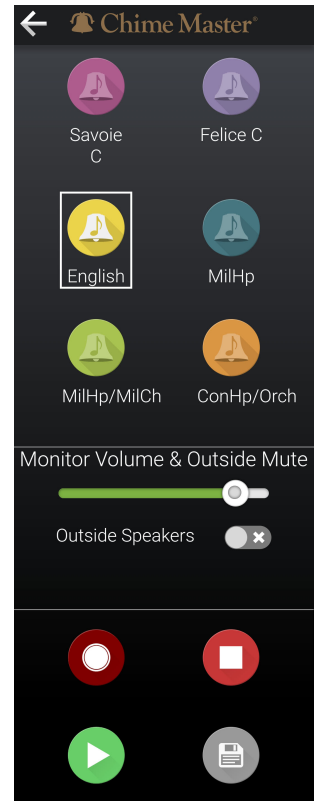
Keyboard

The remote for Millennium and Platinum models will have a Keyboard button. Tap the button to enable the system's MIDI input and bring up the keyboard remote page.

The keyboard page provides you with practice and performance features. The keyboard will play inside only by default, but you can switch on outside zones if desired. You can record, save and title your recordings, all within this app. This is especially helpful if your organ or keyboard is not right next to your bell system.

Keyboard control on the app is similar to the [keyboard page](#) on the system's touch screen. Entering Keyboard will stop anything that is currently playing and suspend the automatic schedule and disable quick functions while it is open. The status icon at the top right of the system's touch screen will show that it is in the keyboard mode.

The recording controls are at the bottom of the page and may require that you scroll down to reveal them.



Record

Press the red button with the white circle to begin recording

Playback

Press the green button with the play arrow to listen to your recording

Stop

Press the red button with the white square to stop playback

Save

Press the gray button with the disk icon to save your recording

Be sure to tap the back button to close Keyboard mode and allow the schedule to resume.

Otherwise, the [keyboard timeout](#) will be in effect (one hour default after the last note played).

If you wish to change the six voices available to you on the app, you can edit them on the touch screen Keyboard menu by tapping Instruments under Settings.

Return to the remote home screen by tapping the upper right back button.

Update your remote

If you customize your home screen or the system receives updated firmware, your phone remote will not automatically update. Follow instructions below to insure that your remote control updates for full compatibility with your ringing system.

The remote control version number is displayed at the bottom right of the remote home screen. After performing the update procedures below, you will notice a different version number if we have released updates to the app.

Android

1. Open the app to the main remote screen (version at bottom right)
2. Swipe down on the remote home screen to reload the app

iOS

Home button models

1. Double click the home button to view recent apps
2. Swipe left or right to the remote app
3. flick it up to remove it
4. Relaunch the app from your saved home icon

Face ID models

1. Swipe from the bottom of the home screen to the top of the home screen and hold until recent apps appear
2. Swipe left or right to the remote app
3. flick it up to remove it
4. Relaunch the app from your saved home icon

Limited connectivity modes

Without an Internet connection there are two alternate ways to control the system. This is easier for some phones and tablets than others because the phone will continually 'hunt' for Internet access. Without Internet updates, your local remote control screen may lack all of the functionality described above.

Refer to [the network settings page](#) for instructions for WiFi or Access Point configurations.

Local Area Network

If the system detects that it is connected to a local area network, without an Internet connection, it will attempt to serve the home screen to that network. The phone or tablet must be connected to the same network to find the carillon. Contact your system administrator to select the SSID and password to connect to this network. You will only be able to access the system when near the WiFi antenna for this network (in the same building).

A downside to this method is that occasionally the bell system will receive a new IP address from the network. When this happens, a saved remote app icon will no longer reach the system. When the IP address changes, the system will provide a new code on the remote page to scan.

Access Point

If no network is available, you can still connect to the AX system for remote control. When the supplied WiFi adapter antenna is installed, and not connected to another WiFi network, you can [enable the bell system's Access Point \(AP\) mode](#) to provide a local remote.

The Remote Setup screen will display this SSID and password for you to set your phone for connection. Once you have successfully connected to the carillon WiFi, scan the code with your phone or tablet to load the remote screen. Some phones or tablets may require you to confirm that you wish to connect to a network without internet, before it will complete the connection to the carillon WiFi.

Note

The QR code information when using the ringing system's local network is different than the one provided when the system is on the Internet. If later you connect the system to the Internet, you will need to scan the Chime.Center remote code as described above.

Remote privileges

The administrator(s) can limit a user's privileges and set restricted access times during which the remote control will refuse connections.

Keyboard AX

Keyboard performance and recording is supported on Millennium AX and Platinum AX models.

This menu allows you to practice, record or perform live using your AX unit with your MIDI keyboard/controller. Opening this screen will cancel anything that is currently playing. Manually or automatically scheduled music is suspended while in this menu.



Keyboard screen

The left side of the screen has instrument selectors for up to two keyboards. On the right is a volume control slider for the inside monitor speakers only. The recording controls are in the middle of the page. At the bottom, in the Settings section, is an Instruments button to customize the instrument selectors and an outside speaker switch.

The outside speaker switch is off by default, so you always enter the Keyboard screen in practice mode. You can play a live performance by turning the outside speakers on. You may record while in practice or performance mode. When you review your recording with the Play button in the keyboard screen, the outside speakers are automatically muted. After tapping Play, you can manually turn on the outside speakers if you wish.

Primary keyboard

Use buttons in the Primary keyboard section to select the active instrument. The active instrument will be highlighted. Instruments may be selected at any time, including while you are recording your performance.

Carillon instruments

All carillons span at least five octaves

Chime instruments

Most chime instruments span at least two octaves

Toll instruments

Most tolling instruments span at least one and a half octaves

Tolling instruments use heavy hammers and may not be suitable for music

If you are using dual organ manuals, this melodic voice can be accompanied by a harp instrument on the secondary keyboard. If you would like an accompaniment instrument on a single split keyboard, use the split switch in the Instrument customization explained below.

Harp keyboard

Platinum AX only

Harp instruments are provided for a second keyboard channel, typically an alternate organ manual. Set the MIDI channels for each organ manual in the [Keyboard setup screen](#) on the AX system settings menu (not the instrument settings).

These buttons have no effect when using a single keyboard or organ manual. In Settings – Keyboard, the Harp Keyboard can be hidden if not used.

Harp instruments

Supplied harp instruments span five octaves

Recording and playback

In some versions, your recording will always play back using the voice you have selected during the recording regardless of other settings.

To use the record feature, tap the record button (red button with round icon) to enable recording. Recording will begin when you play the first note. Tap the record button again to end the recording. You can listen to your recording before you save it by tapping the green play button; the red stop button will stop the playback.

Arranging for carillon

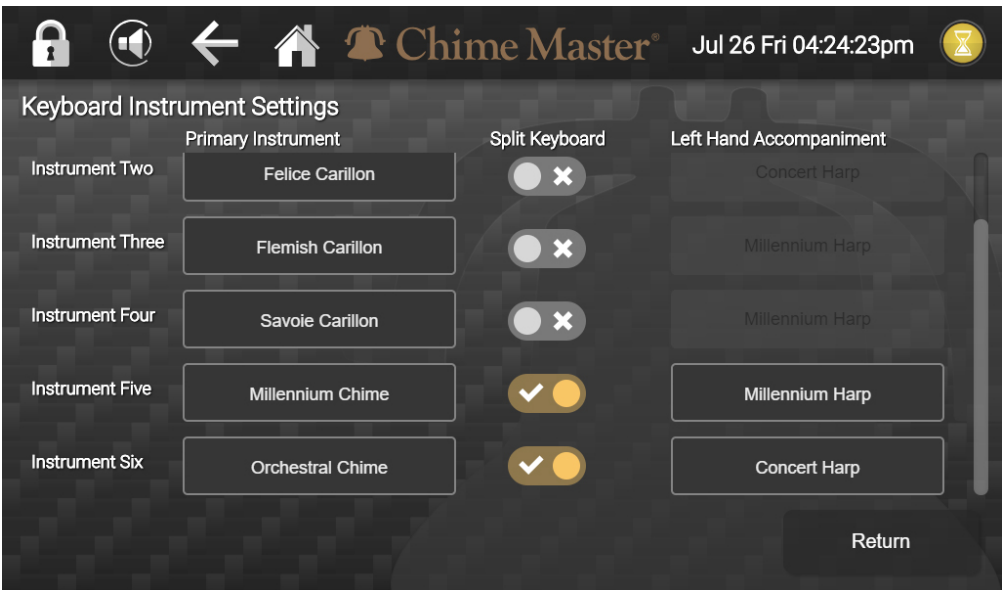
While most church musicians are skilled in adapting SATB hymns suitably for piano or organ performances on the fly, church bells present a new challenge. To help you arrange your music to sound its best on bells, the GCNA (<https://www.gcna.org/>) 's Ronald Barnes Memorial Grant sponsored Rachel Perfecto's online guide, *Arranging for carillon* (<https://www.arrangingforcarillon.com/>) .

Save recording

If you wish to save your recording, tap the gray save button and type a title for your piece. If you do not wish to save your recording, simply record again. Any recording that is not saved and titled will be lost with the next recording.

Instrument Customization

The six selectors for primary keyboard instruments can be re-assigned by tapping the Instruments button in the Settings section of the Keyboard page. Choose from over twenty available instruments for your lead or solo voice. For each button, you may choose to have either a solo instrument, or flip the switch to split the keyboard and then select an accompaniment harp instrument for the left hand. When you have made your choices, tap Return at the bottom of the page. The selector buttons will reflect your changes.



MIDI Channel settings

Refer to [keyboard settings](#) for instructions pertaining to keyboard hookup and channel setting.

Schedule AX

In this menu you can review, edit or delete any of the events in your schedule. To clear the schedule, you must go to the Settings menu.

Please allow at least five minutes after making changes to the schedule for events to appear in the Upcoming Selections timeline. The system waits to be sure that you have finished working on the schedule to refresh Almanac music and other events for the coming week. Schedule changes will result in scheduled Almanac concerts to play different songs than appeared before modifications, even if those times were not changed.

Scheduling basics

The scheduling screens for Weekly, Monthly, Annual and One Time events are



for adding new events to these schedules. Use the Schedule Review screen to see what is programmed already.

Schedule musical concerts

- For regular musical concerts, use **Schedule - Weekly Event**. Choose the number of songs to play from [SmartAlmanac](#) selected music.
- To play a person's favorite hymn on their birthday, use **Schedule - Annual Event**. Search for the title after selecting *Play specific music*.

Schedule ringing

- Schedule a swinging bell to ring at a service time, use **Schedule - Weekly Event**. Select *Play Specific Music or Ringing* and then search for *swing*. Choose a bell and duration from the list before adding it to your service times.
- Time strikes. Always use the **Schedule - Time Strike** menu to create, modify and review your time strike schedule.
- Angelus and prayer bells. Always use the **Schedule - Angelus** menu to create, modify and review your Angelus schedule.

After you have modified your schedule, the system will wait for a pause in user activity and finish playing anything it is supposed to do before applying the schedule changes. During the schedule processing, the status icon at the top right of the screen will display gears. It will choose Almanac music to fit the modified schedule for the next ten days. Wait for the gears to disappear before reviewing.

Screen features

The following elements will be found on each of the scheduling screens:

Clock hands

To set the time of the event, you may tap or drag the hands of the clock or tap the number and choose from a drop-down menu.

Begin/End switch

Determine if the programmed time is the beginning or ending time for the event.

Calendar (on annual and one time events)

Choose the date the event is to occur

The scheduling system will warn you if you have chosen late night or early morning times so you can make AM/PM corrections if needed.

Music selection

Make your choice of music using one of the following methods.

Almanac Selected Music Mode

Turning this on disables the title picker because the system will play seasonally appropriate music using the SmartAlmanac.

Title picker

Type any part of the selection to search the library then select a song from the results.

Duration

Choose the duration (approximate) in minutes or the number of songs to play.

Event List

The window on the right accumulates the list of times and programs you have selected. It does not display any existing schedule previously created and saved.

Tap Add Selection and your new event will be added to the list. You may add multiple events to the list by changing the date, time, or selection and tapping Add Selection. Tap Save to Schedule to add this list to the automatic schedule.

If you add multiple events to one time or add an event(s) to a time that already has something scheduled, they will play in the order they were added. Time strike and Angelus ringing take precedence over and will always play before music.

Scheduling screens

These screens do not show you what is already programmed. Review your existing schedule using the review screens below.

One Time & Annual

Schedule an annual event. This is often used to schedule memorial music, such as, a person's favorite hymn to be played every year on their birthday. Make a one time event to provide music for a unique, non-repeating occurrence such as a wedding or a funeral, by entering the year.

Weekly

Schedule a weekly event to schedule music on a regular weekly basis like, daily or each Sunday.

Monthly

Schedule a monthly event to schedule music on a regular monthly basis like, the first Sunday of each month.

Review and configuration screens

Time strikes and Angelus prayer bell ringing schedules can be checked and modified using the following screens. Other scheduled events can be reviewed with the Schedule Review screen.

Time Strike (weekly)

Review and modify clock chiming and hour strikes:

- Select active hours
- Select odd quarters and type of ringing
- Select clock chiming melody

Angelus

Schedule and configure prayer bell ringing.

- Select first pattern
- Select second pattern, toll or swinging bells
- Select days and hours to ring

Review the schedule

Tap Schedule and Review.

Review - Displays events that have been scheduled weekly, monthly, annual or one-time. This is the best way to see the outline of your program and what will play on a recurring schedule. Events can be deleted from this menu.

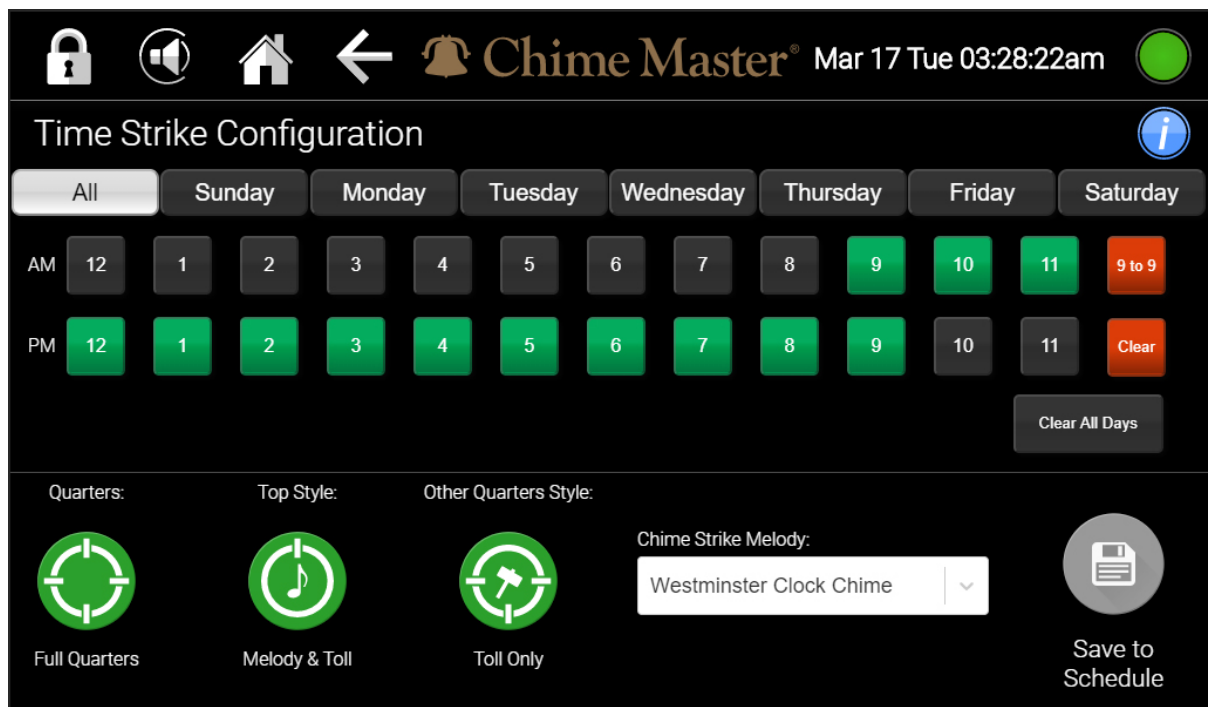
Upcoming - Displays exactly what will play from your automatic schedule for the rest of the day today and tomorrow. This includes weekly, monthly, annual and one-time events, time strikes and any scheduled Angelus or call to worship. If you have chosen Almanac Selected Music, the titles will be specified in these two tabs. If you have scheduled more than one selection starting or ending at the same time, those will be assigned to specific minutes to play in the order they were added.

Played - Displays exactly what has played on your ringing system, with the most recent at the top.

Time Strike AX

Tap Schedule on the Home screen then Time Strike.

Each time you enter this screen, the current time strike schedule will be displayed. Green hours will sound and gray hours are quiet.



If a time strike schedule has not yet been defined, the ALL tab will be selected and no hours will be turned on.

When you are finished making changes, tap Save to Schedule. You may exit this screen without saving changes by tapping the home button.

Schedule

When the ALL tab is selected, you can create one ringing schedule for all seven days. To make a unique schedule, choose that specific day. Once there is a difference between days, ALL cannot be selected until all days are cleared again. If most of your days have the same or similar ringing schedules, it's best to schedule ALL first, then edit any day as necessary.

You may tap any hour to select or deselect. Use the red 9a to 9p button to specifically select or deselect this block of time. The red All/Clear button will select or deselect all 24 hours.

To disable clock chiming, tap the Clear All Days button, then tap Save to Schedule.

Select Quarters

Once you have set your ringing schedule, you can move on to how you want your quarter hours to sound. Tapping the Quarters button cycles through the following selections:

Top Only

Rings the top of the hour only

Top and Half

Adds the half hour between consecutive active hours

Full Quarters

Adds all four quarter hours between consecutive active hours

When hours are turned off in the middle of the ringing schedule, the last enabled hour will ring at the top, the next enabled hour will ring at the top, and no quarters will ring in between.

Select Style

Choose how you want the bells to sound by tapping the Top Style and Other Quarters Style buttons to select the ringing style. The other quarters button is available only when the half-hour or full selection is made on the Quarters button.

Melody (musical note icon)

Will play the selected chime melody before tolling the top of the hour

Will play the selected chime melody instead of a single toll on other quarters

Toll (hammer icon)

Will toll the number of the hour at the top

Will toll one time on other quarters

Select Melody

If you selected Melody, choose your Time Strike Melody using the selection bar. The default option, Westminster Clock Chime, is most common. Twelve other options are supplied with the Platinum AX at this time. If you have recorded your own custom clock chime it will appear in the list. For information on naming your own melody, see Custom clock chime melodies section below.

You may audition the different melodies using the [Play Selection menu](#) from the home screen. To find and play chime strike melodies, choose *Show All Categories*, and search for Clock Chime.

Custom clock chime melodies

For the system to include your custom melodies in the Time Strike settings, you need to record, using your keyboard, four chime recordings. These four recordings need to be titled as follows where (Name) is the common name of your chime.

If your time strike sequence is fairly simple, you can also use the Premium [Chime.Center custom ringing page](#) to specify the chime's ringing patterns. Use the same method described to title your patterns.

Recording title for the top of the hour (00 minutes)

"(Name) Clock Chime"

Recording title for the half hour (30 minutes)

"(Name) Half Hour"

Recording title for the first quarter (15 minutes)

(Name) First Quarter"

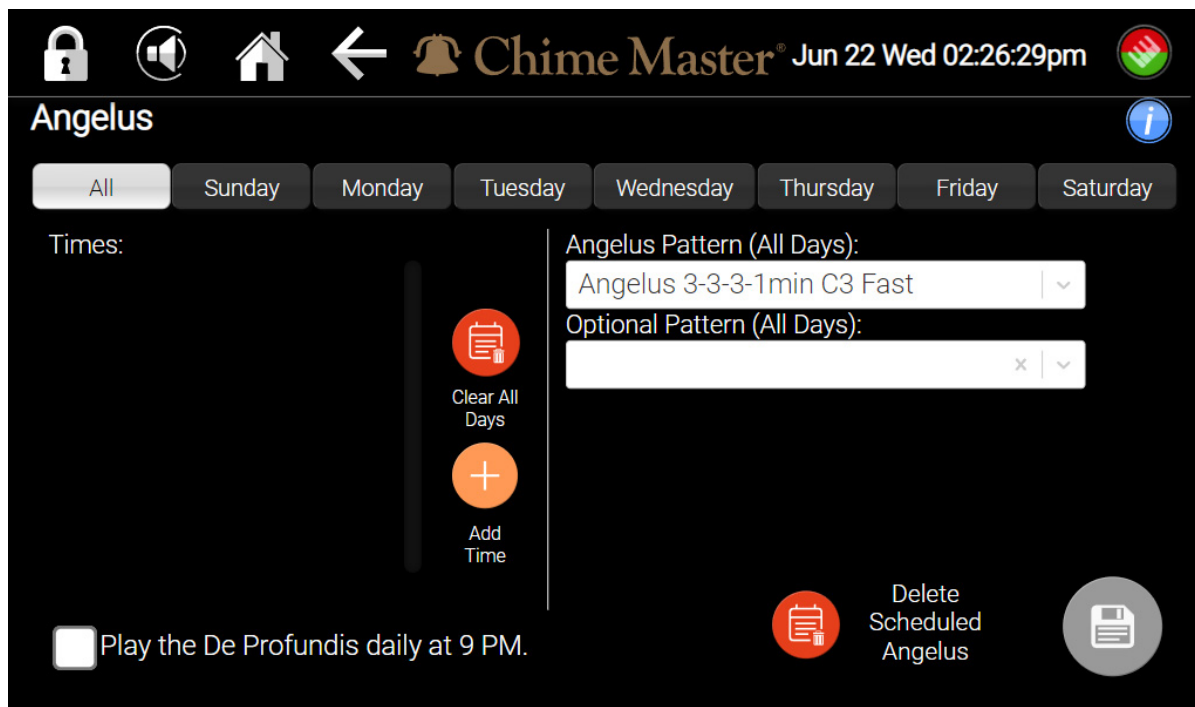
Recording title for the third quarter (45 minutes)

(Name) Third Quarter"

Even if you don't ring them, all four quarters must have a recording named exactly in this way. Consider using a tolling instrument for recording clock chimes so that they sound like the hour strike bell.

Angelus AX

Tap Schedule on the Home screen then Angelus.



Each time you enter this screen, the current Angelus schedule will be displayed. If no Angelus has been scheduled, ALL will be highlighted and no times will be displayed. If you would like to modify the current schedule or patterns in the **Times** table, tap the red **Delete current Angelus** button.

When you are finished adding times to ring the Angelus, tap the gray save button at the bottom right of the screen. You may exit this screen without saving changes by tapping the home button.

Select Pattern

The default pattern will appear in the top **Angelus Pattern** window. Tap this window to see the complete list of Angelus patterns available. The naming convention is:

- 3-3-3 - the traditional three sets of three tolls with a pause between sets
- 3-3-3-9 - as above, but followed by nine tolls of the same stationary bell
- 3-3-3 (time) - instead followed by a swinging bell of duration as indicated

Optional Pattern

If you select the 3-3-3 only pattern, you can follow it with another swinging bell size or peal combination not listed in the factory supplied combination patterns.

De Profundis

You may also elect to play a De Profundis (ignitegium) at 9 PM by checking the box on this page. This will schedule a slow nine count toller every day at 9 PM.

Add the pattern to times

Tap the orange + button to add times for the selected day to play. Set the clock to the times (typically 2 or three per day) you would like to ring. Close the clock by tapping done, each time and the time is added to the list.

ALL

When ALL is selected, all 7 days will be edited. Select a day to edit the times by itself. Once any day is different, ALL cannot be selected without clearing the Angelus and starting again.

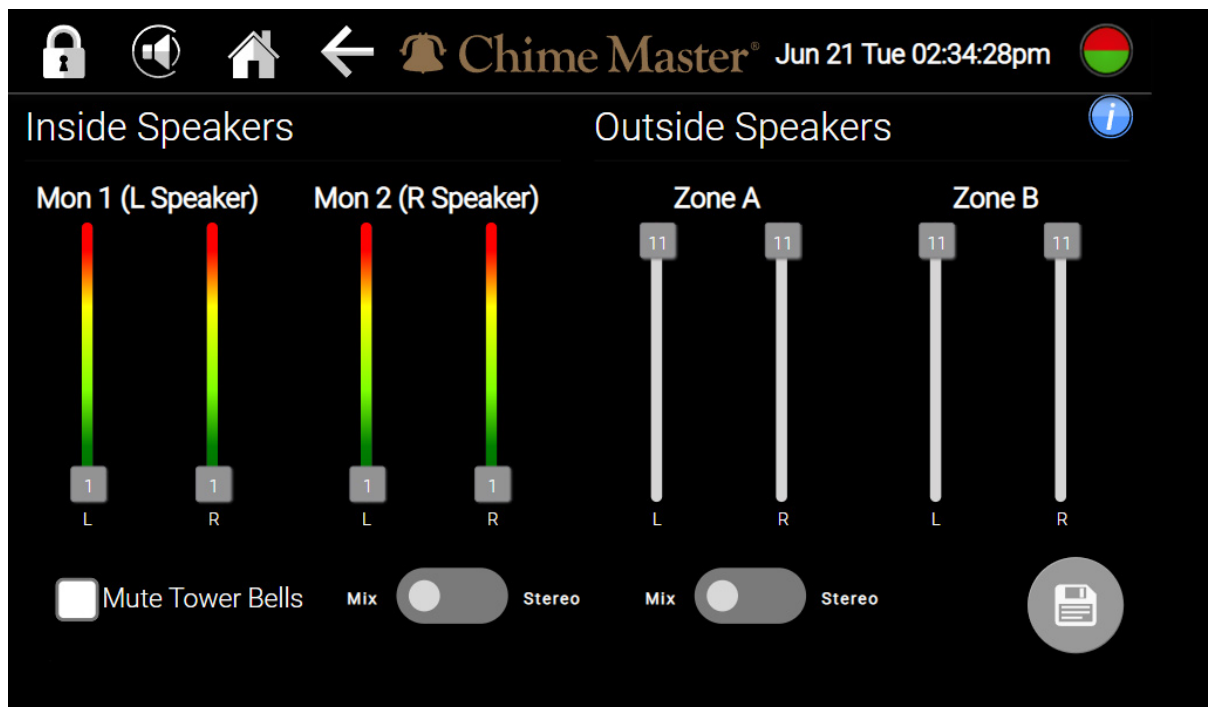
Save

Tapping the save button at the bottom right of the screen will add the selected times to your schedule.

Volume setup AX

Tap Settings on the Home screen then tap Volume on the Settings menu.

This screen configures the default volume



levels. Changes made on other screens or scheduled events are temporary, and the system will return to these default settings you **save**. Zones A and B are the two outside speaker channels. The monitor level adjustments affects both the front panel speakers as well as the output connections that may be made to your PA system or other inside speakers.

Front speaker

The inside speaker button in the tool bar is always functional but here you will set your default choice. Toggle the button to your preferred default, Mute, Low (Platinum only) or Loud. These settings do not affect the rear panel inside output levels.

Zone volume

Bravo and Millennium systems provide two simple Inside and Outside volume controls

The Platinum Inside and Outside volume control sections have Mixer switches.

Stereo

Stereo setting disables opposite channels and their controls are grayed out and minimized for maximum channel separation.

Mix

Mix allows Left and Right signals to be proportionally mixed into each output zone.

When adjusting the level of outside speakers, make small incremental adjustments and walk around outside while the system is playing. The system often sounds much louder after you walk some distance from the building.

Save or Exit

Tap the Save button at lower right to save your changes. Or, tap the Toolbar back button or Home button for making temporary changes that will revert to the saved default when the system next wakes from standby.

Recommended levels

These levels depend on amplifier sensitivity and gain adjustments. Chime Master inSpire amplifiers and sound packages are assumed below.

- Level 1 should be safe enough to be in the tower with the speakers for testing after installation.
- Levels 2-3 are suitable for night ringing, if required
- Levels 4-6 are reasonably loud for most neighborhoods if the speakers are open (not behind tower louvers).
- Levels 7-9 may be needed for noisy environments and towers with heavy louvers (less than 40% open).
- Level 10 and above should only be used for short length Mono and Simple music to avoid:
Speaker overdrive distortion
Triggering amplifier protection modes (occasional sound drop outs)

Network setup AX

There are many advantages to having your ringing system connected to the internet.

- Continual time clock synchronization
- Remote control experience is enhanced
- Advanced music, seasons and schedules using Chime Center
- Automatic software and security updates

Check your connection

You can tell if the system is connected to the Internet by checking the connection icon found on the PIN login screen at the top right corner, just below the system status icon. It will display one of the following states:

- Check mark on the globe - indicates the system has full Internet connectivity
- X mark on the globe - indicates the system is not able to reach the Chime Center server
- **AP** (no globe) - indicates the system is in Access Point (AP) mode for local remote control
 - Turn on Access Point mode whenever you cannot connect the ringing system to the Internet, even if you do not need the local remote control. This will turn off Internet services so that errors resulting from these missing connections will not degrade your ringing system's performance.

Connection modes

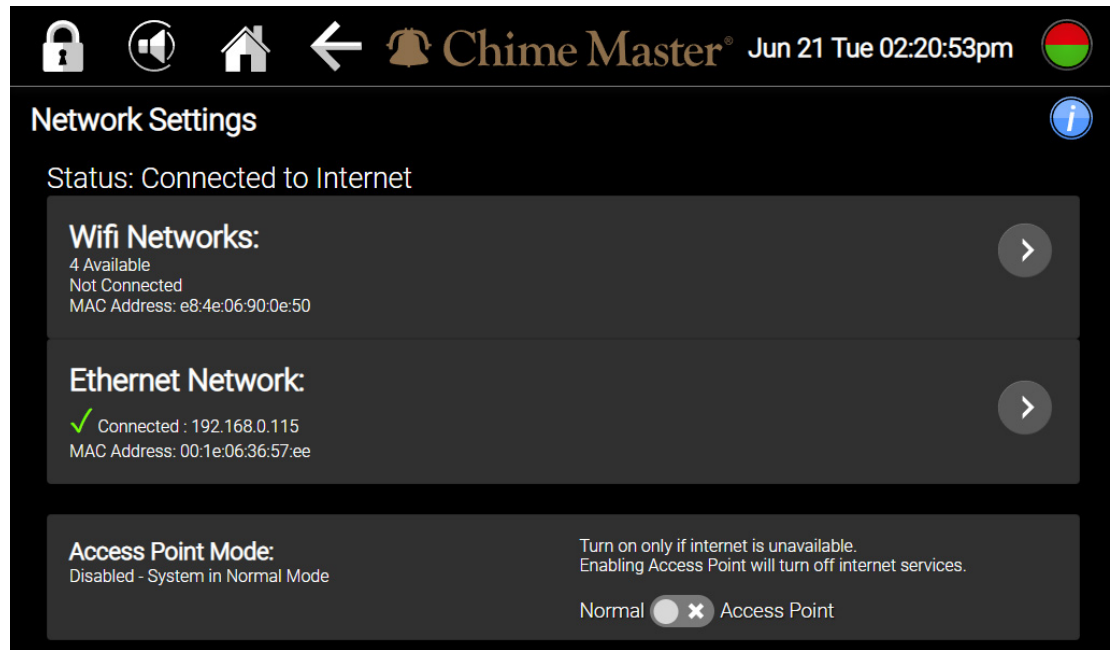
Wired Ethernet

A wired network will always provide the easiest and most reliable connection if you have it.

Setup

- Connect an Ethernet cable from your router to the labeled jack on the back of the AX carillon. This will be recognized immediately.
- When a network address is displayed with a green check mark next to *Ethernet network Connected* you are connected.

- Make sure the Access point switch at the bottom of the screen is **Normal** and gray in color. If you change the Access Point mode the system must be restarted (see below).



- If you also have a green check mark and IP address under WiFi Networks, you should unplug the antenna from the rear USB port.

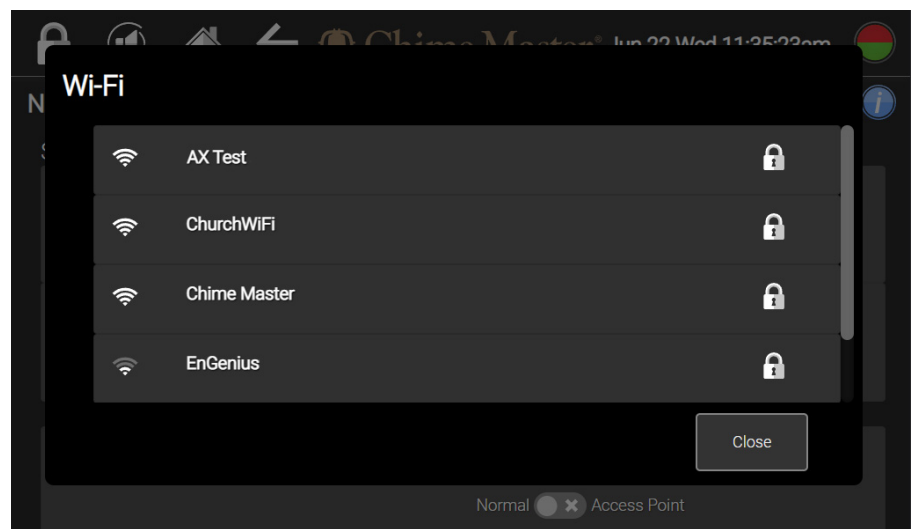
Wireless

These connections require the available wireless adapter antenna. Screw the two parts together and powered down the ringing system before plugging in the antenna. Keep the system level while the antenna is plugged in, as tipping the system can cause damage to the antenna or port connection.

WiFi network

WiFi is trickier to set up, but has the advantage that it provides an air gap between the lightning prone outside components of your ringing system and your other wired network equipment.

- From the home page of the Millennium or Platinum AX, choose Settings then Network. This page displays if you are connected via an Ethernet cable or a wireless network.
- The Access Point Mode at the bottom of the screen should



be set to **Normal** - gray when connecting to a WiFi network.

- Tap on **WiFi Networks** and choose the one you want to connect to. Enter the WiFi password in the next box and tap Connect. It may take a few minutes.
- If you have changed the Access Point mode, restart the system (see below).
- When the unit has successfully connected, it should update the Current WiFi Network and Wireless IP address.

Access Point (no Internet)

Advanced eXperience ringing systems are designed to be connected to the Internet, but if none is available at your facility, the system can provide an ad-hoc local Access Point WiFi network to which you can connect your phone.

This means you can [remote control](#) your ringing system when your phone is nearby.

- QR codes are different for remote controls that use the local connection from those that use Internet connection.
- Refer to the [Remote Control instructions](#) for scanning multiple users and saving the app to your phone's home screen.

Enable local remote access point

To enable the local AP network,

- While the Chime Master AX carillon is powered off, plug in the included wireless antenna into the top right USB port on the back, then restart the unit.
- From the home page, choose Settings then Network. At the top, you can view if you are connected via an Ethernet cable or a wireless network (network address beside the appropriate IP label).
- Tap the Access Point switch in the lower left corner of the screen. When the **Access Point switch is gold** and an IP address appears beside *Wireless IP* you can exit the Network setup page and proceed.

Restart the system as described below. When the system restarts in AP mode, it will disable all Internet dependent services. This prevents internal connection errors and improves system performance.

- When you tap the lock page clock, the PIN login screen will have a solid black background

indicating that Internet is not available.

- Return to the home page, then tap the Remote button.
- After entering your PIN, the system will check its network connection status. You will be asked to connect your smart phone or other device to a password protected CMS WiFi. The SSID and Password will appear above the QR Code. After connecting your phone to the carillon's network, scan the QR code with your phone's camera or QR reader. Tap the link which is provided from the QR code to open the **Local Remote** in your phone's browser.

(Re-)Enable Internet features

If the system has an Internet Connection (using a network cable) and the wireless antenna is plugged in and the Access Point is left on, Internet features such as clock synchronization are disabled. Always turn off the Access Point when using a wired connection.

- From the home page, choose Settings then Network. At the top, you can view if you are connected via an Ethernet cable or a wireless network (network address beside the appropriate IP label).
- Tap the Access Point switch in the lower left corner of the screen. When the **Access Point switch is gray** with an x on it, Internet features are enabled (after restart).
- Leave the WiFi antenna plugged in only if you are *not* connecting using an Ethernet cable.

Restart the system as described below. When the system starts with the Access Point switch set to **Normal**, update, backup and other Chime Center remote features are enabled.

Verify connection and reset Remote

- When you tap the lock page clock, the PIN login screen will display the connection icon as described at the top of this page.
- Return to the home page, then tap the Remote button.
- After entering your PIN, the system will check its network connection status.
- Above the QR code the system will indicate that this code is for the Chime Center Remote.
- Make sure your phone has Internet access and scan the QR code with your phone's camera or QR reader. Tap the link which is provided from the QR code to open the **Chime Remote** in your phone's browser.

Restart after changing modes

Restarting the system is required to change the Access Point mode:

- Press and hold the front panel lighted power button until it turns red. Release the button and it will begin to blink violet then blue.
- When the power button has stopped blinking and is solid blue, click it to restart the system.
- The light will blink green then turn solid gold for normal operation.

Advanced settings

DHCP is the default setting that allows the system to obtain network information from your router and automatically attach to your network. Large campus installations may require the IT department to define how the system should be connected.

Open the Settings - Network page. The type of current connection will be displayed with a green check mark, along with the current IP address and interface mac address.

Tap the network connection you wish to change to static IP.

WiFi

Tap the Advanced Network Setup switch, re-enter the WiFi password and change IP settings to Static.

Ethernet

Tap the Advanced Network Setup switch.

Scroll down to enter the static IP to use, the Subnet (in CIDR bit count format without the slash), your gateway's IP, and your name server (DNS) IP. Tap Save and close the menu. It shouldn't be necessary, but a good idea to hold the lighted power button for five seconds to shut down the system. Click the button again when it is solid blue to restart.

Internet access requirements

While connected only to your network (mobile data off), a test device (phone or PC) must be able to access

<https://chime.center>

- This site may need to be white-listed in firewall or DNS rules

Security

AX ringing systems do not require static IP addresses or any special inbound port forwarding through your firewall. Chime Center's routing will make sure that only you have control of your bells. Best practices should be followed whenever connecting anything other than computers and printers to your network and the Internet. The following are a few suggestions that you should consider. The easiest are at the top and should be complied with first.

Ringling system

- [Change the default login PIN number](#) for the login screen. Users who have (or guess) this code can use the front panel remote screen to authenticate remote access. You can use up to 10 digits.
- Use a strong password to login to Chime Center. Use a password manager to generate unique and strong passwords for each of your site logins. Never re-use your email password on other sites.
- Do not attempt to simultaneously use the wired Ethernet connection and the WiFi antenna connection. Make sure the Access Point is set to **Normal** (see above) if you are connected to a network. Necessary services are inhibited by the Access Point mode such as:
 - Automatic clock synchronization
 - Software updates
 - Chime Center access
- Do not connect the ringing system directly to the Internet without a firewall (router based or dedicated).

Your network

No inbound ports need to be open on your firewall. Most router firewalls default to allow outgoing connections on all ports while blocking incoming connections.

In more secure facilities, your IT people may configure the firewall also to not allow outgoing connections to ports other than those needed for typical web browsing. If your firewall filters outbound ports, call us for the outbound ports that need to be open (in addition to **443** : https).

- Use a strong WiFi password on your router or access point.

- Test your firewall for unneeded open inbound ports. Gibson Research provides the Shields Up! (<https://www.grc.com/shieldsup>) tool. After clicking the Proceed button, click the All Service Ports button to begin testing.
- Have your IT personnel configure a segmented VLAN or Internet-of-Things sub-network (<https://robpickering.com/ubiquiti-configure-micro-segmentation-for-iot-devices/>) for the ringing system and other appliances. The FBI recommends (<https://www.zdnet.com/article/fbi-recommends-that-you-keep-your-iot-devices-on-a-separate-network>) you do this at home as well.

Keyboard setup AX

Keyboard performance and recording is supported on **Millennium AX** and **Platinum AX** models.

Tap Settings on the Home screen then tap Keyboard on the Settings menu. Use this screen to set the system to respond to your MIDI keyboard controller. The system will respond to both the MIDI keyboard input jack as well as MIDI USB keyboards plugged into the USB ports.

If you want to customize the instrument presets for the keyboard mode, use the [Instruments](#) button on the Home Page Keyboard screen.

The system will respond through the inside speakers with either a carillon voice, or if the Test with Split instrument is selected, a chime with harp voice. The screen is lengthy, so you will need to scroll down to see all of the options.

General settings

Keyboard timeout

The Keyboard screen will default back to Home Page after the set number of minutes of no user activity on the display or keyboard. Having a timeout is important because all automatic ringing is suspended while in the keyboard mode. The default is 60 minutes.

Port

If multiple USB keyboards are plugged in, Port selects which one is active.

Touch sensitivity

Organ keyboards typically do not measure how hard they are played. Most MIDI organ interfaces will always send a constant medium velocity. We provide MIDI input velocity sensitivity adjustment as follows.

- Full sensitivity - use with Chime Master supplied keyboards and electronic stage pianos
- Moderately louder - raise the level of any keyboard
- Maximum loudness - use with non-touch sensitive keyboards for maximum impact

Keyboard specific settings

The primary keyboard is used for most carillon performances. It also allows for a split-keyboard to combine chimes with harp instruments. The optional harp keyboard (if multiple organ manuals are available) can be used to provide a full five-octave harp instrument to accompany any

instrument selected on the primary keyboard.

MIDI channels range from 1 - 16. Most piano keyboards and the Chime Master dedicated keyboard use MIDI Channel 1.

Setting the channel to match your organ may take some experimentation. Turn on the MIDI stop for the keyboard you are wanting to use. Play the keyboard while incrementing through the channel numbers. When you find the channel that works, turn off the MIDI stop to be sure the organ ceases to send data on that channel. If it does not, continue to search for the channel that is controllable by the stop. Organs generally always transmit on certain channels while allowing the organist to control other channels.

Primary Keyboard

MIDI Channel

Channel 1 is the factory default. Use the +/- buttons to select other channels.

Transpose

Transposition is adjusted by semitones. No transposition (zero) works well with five-octave keyboards starting on MIDI note 36 (C3). Negative numbers will result in lower tones and positive numbers raise the pitch. You may wish to raise the pitch for smaller scale keyboards, typically by 12 or 24 (by octaves).

Split Note

This selects the key on the keyboard where the voice will change, if you choose two voices to split one keyboard. MIDI note 70 (B-flat-5) is default.

Split Transpose

When splitting the keyboard into two instruments, the lead instrument on the right half of the keyboard will generally sound better if transposed down two octaves. This can be changed.

Harp Keyboard

Platinum AX only

The optional harp keyboard (if multiple organ manuals are available) can be used to provide a full five-octave harp instrument to accompany any instrument selected on the primary keyboard.

MIDI Channel

Channel 2 is the factory default and will work with most keyboards use the +/- buttons to select other channels (or find an unused channel).

Transpose

Transposition is adjusted by semitones. No transposition (zero) works well with five-octave keyboards starting on MIDI note 36 (C3). Negative numbers will result in lower tones and positive numbers raise the pitch. You may wish to raise the pitch for smaller scale keyboards, typically by 12 or 24 (by octaves).

Save settings

To save your settings, tap the Save button at the bottom right of the screen. Tap the Home or back buttons at the top of the screen to exit this menu *without* saving your changes.

Connections

Information about finding your keyboard's **MIDI OUT** socket is available on the [Keyboard and organ connections](#) page.

MIDI jack

A seven pin DIN connector on the rear of the AX carillon accepts DIN-5 MIDI cables that are connected to the MIDI out jacks on most MIDI pianos and organs. Chime Master dedicated keyboards can connect to this jack and their power will switch on and off with the keyboard mode.



USB

Any of the four USB ports can be used to plug in a MIDI keyboard with a USB interface. Use the Port setup function above to enable the keyboard.

Wireless

Chime Master offers a wireless keyboard interface in two models

70109 - built-in to [Chime Master 61 key dedicated keyboards](#)

70110 - for use with customer supplied keyboards (standard MIDI 5 pin DIN input)

[Illustrated PDF instructions](#)

This kit comes with two boxes, a white one and a black one.

Connect the white box to the AX system using the supplied USB cable. The receiver box is powered by the USB port.

Connect the black box to the instrument's MIDI output with the supplied MIDI cable. The power supply included in the kit plugs into the black box. If installed in an organ, plug the power supply to a switched outlet so the transmitter will initialize communications each time the organ instrument is powered on.

Customize Home AX

Front panel menu

Tap Settings on the home screen, then tap Customize Home on the settings menu. Add, remove and



change [Home Screen](#) buttons and their functionality with this screen.

All of the home screen buttons are shown on the Customize Home screen as labeled icons with either locks or editing buttons below them.

Essential home screen buttons have the locks below them and cannot be removed or edited. Customizable buttons provide both an Edit button and a trash bin below them.

Remove items

Remove unneeded buttons from the home menu by tapping the trash bin below them.

Edit or Add

Change the actions for an existing button by tapping its Edit button.

There are two ways to add a new button:

Tap Button Storage

Button storage contains buttons that exist on your system that are not on your home screen. These may have previously been removed from your screen or created by other users of your system. Check boxes next to each button you want to add, then click **Add Checked** at the bottom of the screen.

Tap Add New to create a Home Screen button.

Tap Change Icon to see available icons for your function. Tap one of the icons then tap Select. Tap the Name field to create a unique label for your new button. Select the functionality of the button from one of the following Types.

Select Type

Select the type of button you want to add to the user's home screen using a pull down menu:

- **Play Specific Selection**

This button provides a quick concert from one to four specific titles. Options on the edit screen allow you to search within categorized lists to find your selection(s).

- **Play Album**

Play from the selected Album. Choose to play through the Album in its entirety, for a duration of a number of minutes or a number of songs.

- **Play using SmartAlmanac**

Play denominationally and seasonally appropriate random music (as set up using the SmartAlmanac™) for a duration either of a number of minutes or a number of songs.

- **Custom Toll**

This button prompts for either the number of strikes or minutes to toll, a tempo for the toll and select a tolling bell. All settings are saved for the next usage, so you can play without entering specific parameters.

- **Suspend Schedule**

- When the schedule is **active**, the button appears **red** and is labeled *Suspend Schedule*
- When the schedule is **suspended**, the button appears **green** and is labeled *Resume Schedule*

Tapping the button when it is red prompts you for an ending date and time for schedule suspension.

Tap the button when it is green to cancel the suspension timer and immediately resume scheduled ringing.

- **Keyboard screen**

You can restore the keyboard button if it has previously been removed.

- **Remote screen**

Restore the Remote button if it has previously been removed.

Reorder buttons

Tap and hold your finger on any button on the edit screen. It will detach from its location and move as you continue to move your finger around the screen to its new location. Removing your finger from the screen will exit the reordering function so you can select and move other buttons the same way.

Exit

Review all of your selections by scrolling to the bottom of the page. When all of the parameters are entered tap the Save button at the bottom of the screen.

If you exit using the home button at the top of the screen you abandon your changes.

Using Chime Center

The instructions above for the front panel screens also work for Chime Center. If your PC has a touch screen, you can tap to move the buttons like on the front panel. Reordering the buttons with a mouse is a simple click and drag operation.

Edit My Home Screen

You can edit your home screen remotely using Chime Center. Click on the colored circle with your initials and select My Account and Customize Home Screen.

Edit Home Screen for Other Users

Administrators have the ability to edit the home screen of their Chime Center users. Navigate to **Settings > User** (<https://chime.center/ax/#/manageusers>) (you may click this link if already logged in to Chime Center). Click the edit button for the user for whom you wish to edit the home screen. On the edit screen click User Home Menu.

Remote home screen

The customized home screen buttons will also appear on the smart phone [Remote app](#) with the Stop and Next buttons.

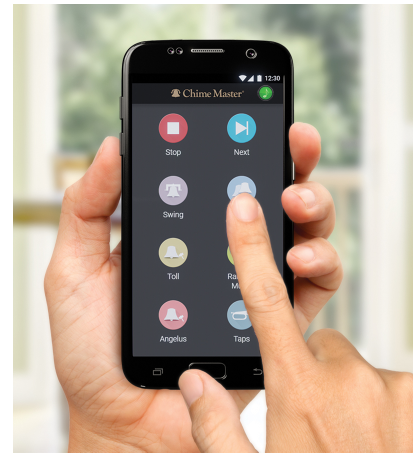
iOS Note

There may be some delay before these changes are recognized on your phone remote app. If you wish for these changes to take place immediately, simply restart your phone.

Newer iOS versions may improve cache updating.

Android Note

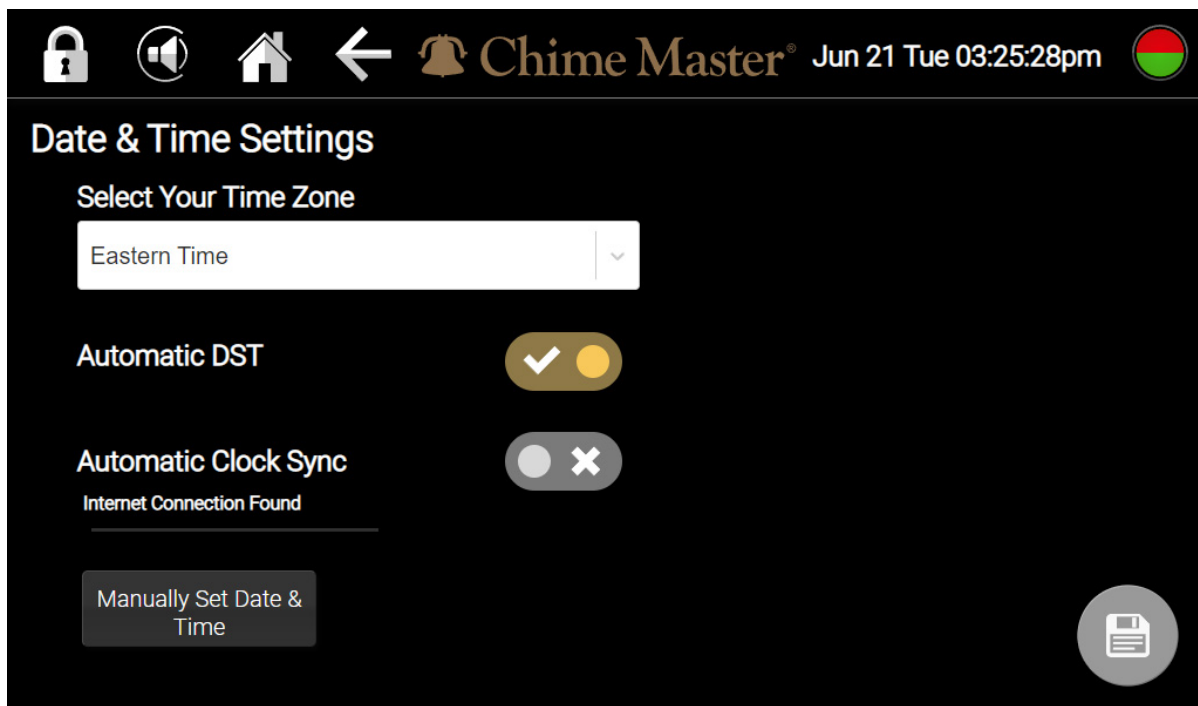
Changes are typically reflected immediately on your phone remote app. If they are not, swipe downward on the screen to refresh your cache.



Date and Time AX

During normal operation, the system is assumed to be connected to a network with Internet access. Time is normally automatically kept synchronized and updated when the system is powered on. In the case where Internet time is not available, the system relies on a built-in accurate clock. This clock will run for a reasonable amount of time when power is disconnected, and the backup power source will recharge when the system is plugged in.

Part of the setup process involves selecting your time zone and enabling or disabling Daylight time adjustments.



Automatic Daylight Savings Time

If the switch has a check-mark, daylight time will auto-adjust with no user intervention.

If Internet is unavailable

You only have to manually set and occasionally correct the time if Internet time servers are not available. Daylight time adjustments will continue to occur automatically if enabled.

Automatic Clock Sync

The switch caption will warn (even if enabled), "No Internet Connection - Clock will not sync."

To set the time

1. Turn off Automatic Clock Sync and a button will appear, **Manually Set Date & Time** to the

right of the switch. Tap this button.

2. Select the current month and year using the arrows and pull-downs at the top of the calendar screen.
3. Select the current date on the calendar.
4. Select the current (or upcoming) hour on the clock, tap the digital minutes at the top of the clock and select the next minute.
5. Observe an accurate clock. When it shows the time you have set and the seconds are zero, tap the button at the bottom of the screen, **Synchronize to :00 seconds**.
6. Tap the lower right Save button. The screen may go dark if you had to set the clock forward very far. Tap anywhere on the screen to resume.

Early firmware manual settings

If you do not have an Internet connection and your firmware version is older than 1.4.12 (on Settings - About menu), use the following steps to set the time in the event that the system has been powered off long enough to lose the correct time. Early firmware allowed the date advance only a few months at a time.

Plug in the system to AC power and **allow an hour** for the clock backup circuit to recharge before attempting to log in to adjust the clock. After an hour of charging, if the AX logo does not switch to the clock screen, hold the Gold power button to shut the system down and restart it after the button becomes solid blue.

- If the system never restarts to get past the AX logo, you should try connecting the system to a wired Ethernet Internet connection.

Steps

1. Login to the system, tap **Settings** and then tap **Date & Time**.
2. In Date & Time menu, tap the button to **Manually Set Date & Time** then these steps:
3. Tap the right arrow on the calendar to advance months no more than five ahead (even if we are not there yet).
4. Tap the date 1 on the last available month, or the correct date if you have reached the correct month.
5. Set the time to the current time. The system will log you out and the screen will go blank.

6. Log in and repeat the last instructions until you get to the current date and time.

If an invalid season is displayed on the clock screen after you have corrected the time, allow several minutes for the database to make the correction.

User profile setup AX

Profile Settings

Change PIN

Current PIN

New PIN

Verify New PIN

Minimum Digits: 4, Maximum Digits: 10

1 2 3 4 5

6 7 8 9 0

backspace

Save PIN

We ship new systems with the security PIN for the first user (an administrator) set to 1234. This can be changed for obvious reasons if the ringing system is in a public area.

Reset your PIN

- Login or tap the Home icon at the top of the screen.
- Tap the Settings button.
- Tap the User Profile button.
- Tap the Current PIN field and enter it.
- Tap the New PIN field. Enter the new PIN you want to set with a length from four to ten digits.
- Tap the Verify PIN field. Re-enter the new PIN.
- Tap the Save PIN button

Reset with Chime Center

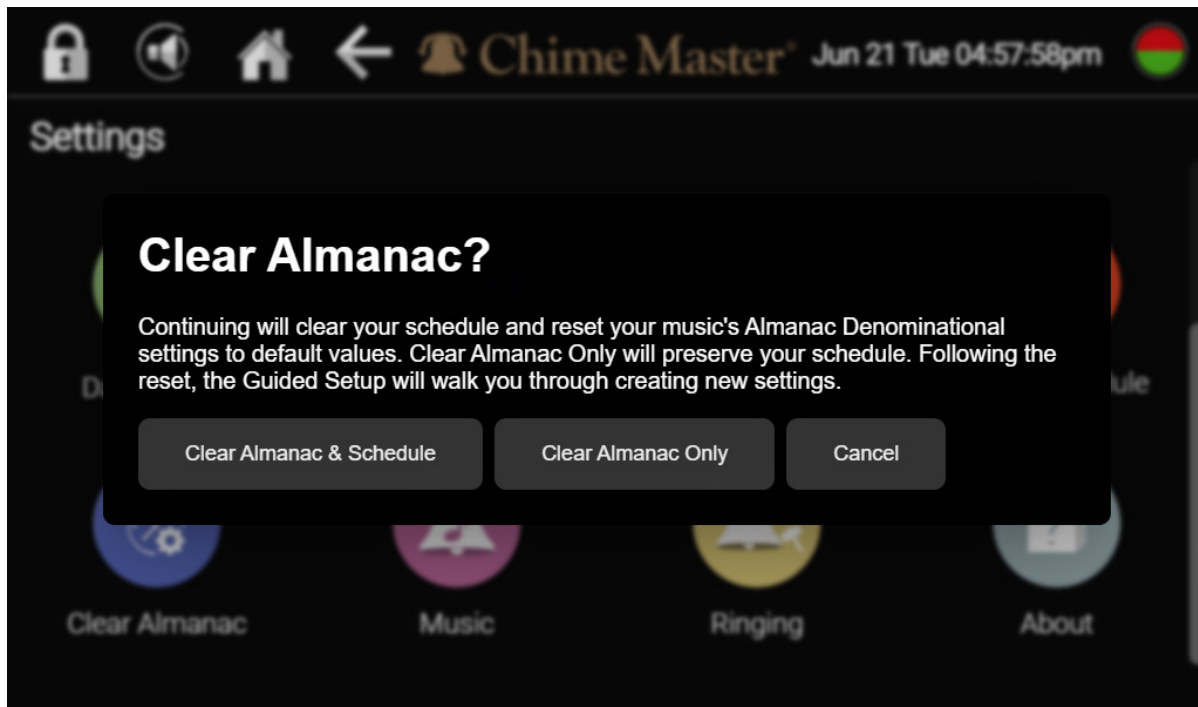
If your system is Internet connected,

- Your system administrator can reset other users' PIN codes by going to Settings and Users.

- If you are an administrator, you can change your own PIN using the My Account page.
- Chime Master technicians can reset your PIN code.

Clear Almanac and Schedule AX

Tap Clear Almanac and Schedule on the Settings menu for a three button option window:



Clear Almanac & Schedule

This button used to be labeled **Factory Reset** in early firmware.

Tap to clear the Time Zone, Almanac settings as well as the schedule. The system will return you to the Guided Setup pages to reset your preferences.

This button will not

- Affect changes to customized home menus
- Remove or disable user created Almanac seasons
- Erase user recordings

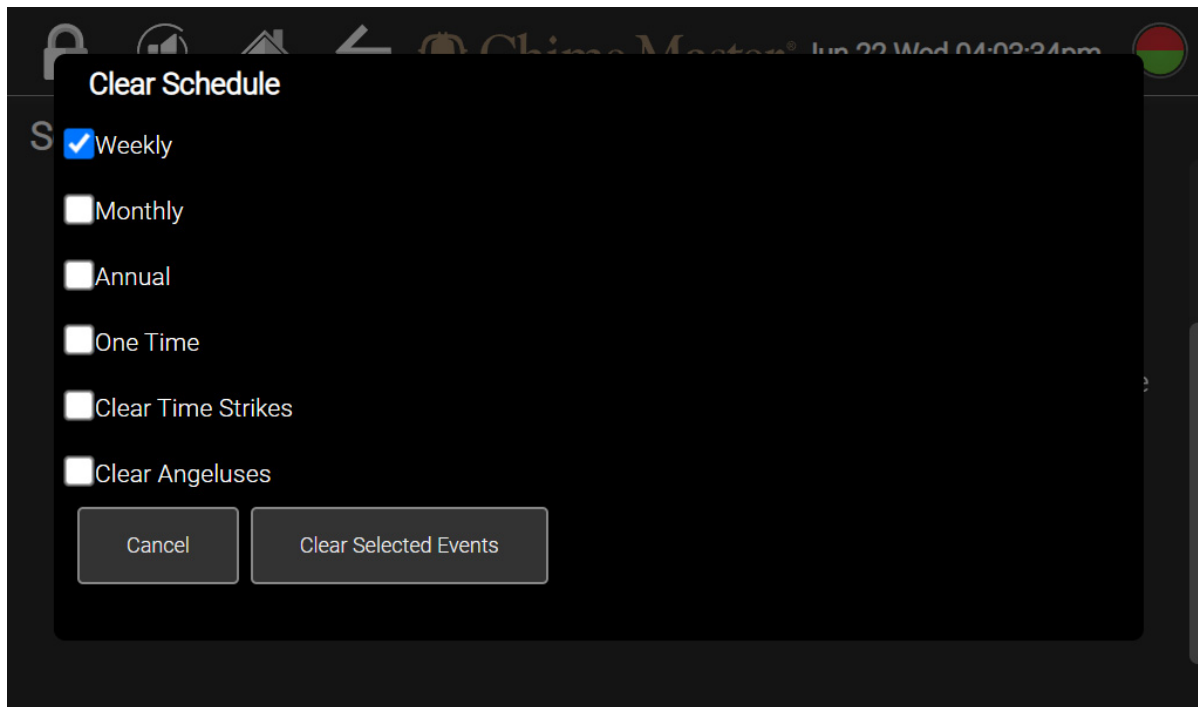
Clear Almanac Only

keeps your schedule but allows you to change seasonal and denominational preferences.

Cancel

If you cancel, nothing is cleared.

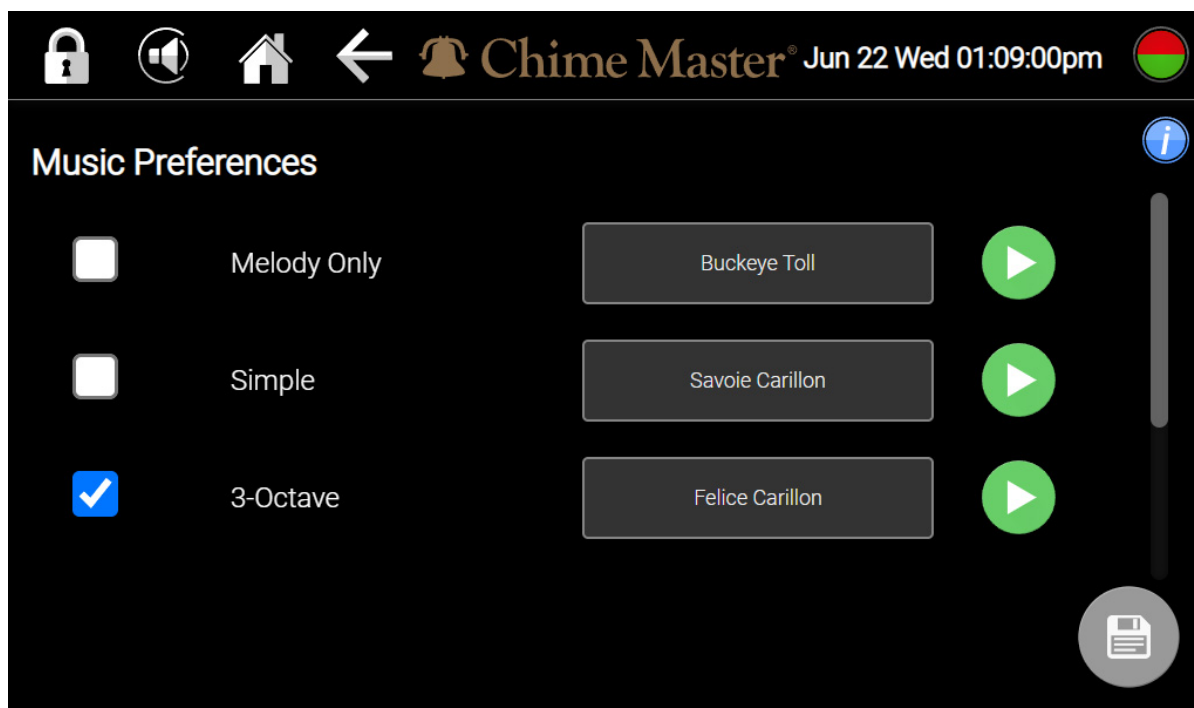
Clear schedule AX



Clear Schedule allows you to keep your seasonal and denominational preferences and erases your schedule including time strikes. Tap cancel to make no changes.

Musical style preference AX

When choosing the arrangement and instrument setting for some selections, one of your options is default settings. Your system is programmed so that your default settings are the most common choice among Chime Master customers, but if you prefer something different, you can easily change this setting.



Arrangement style

Tap Settings and Music to change your default arrangement and instrument for songs. Since the instrument choices depend on the arrangement style, it must be chosen first. The arrangements are listed in order from the smallest and simplest to the largest and most extravagant. If you enable multiple arrangements they will be selected randomly. Occasionally you may hear a simpler arrangement than you have chosen, but never a larger one.

Instrument options

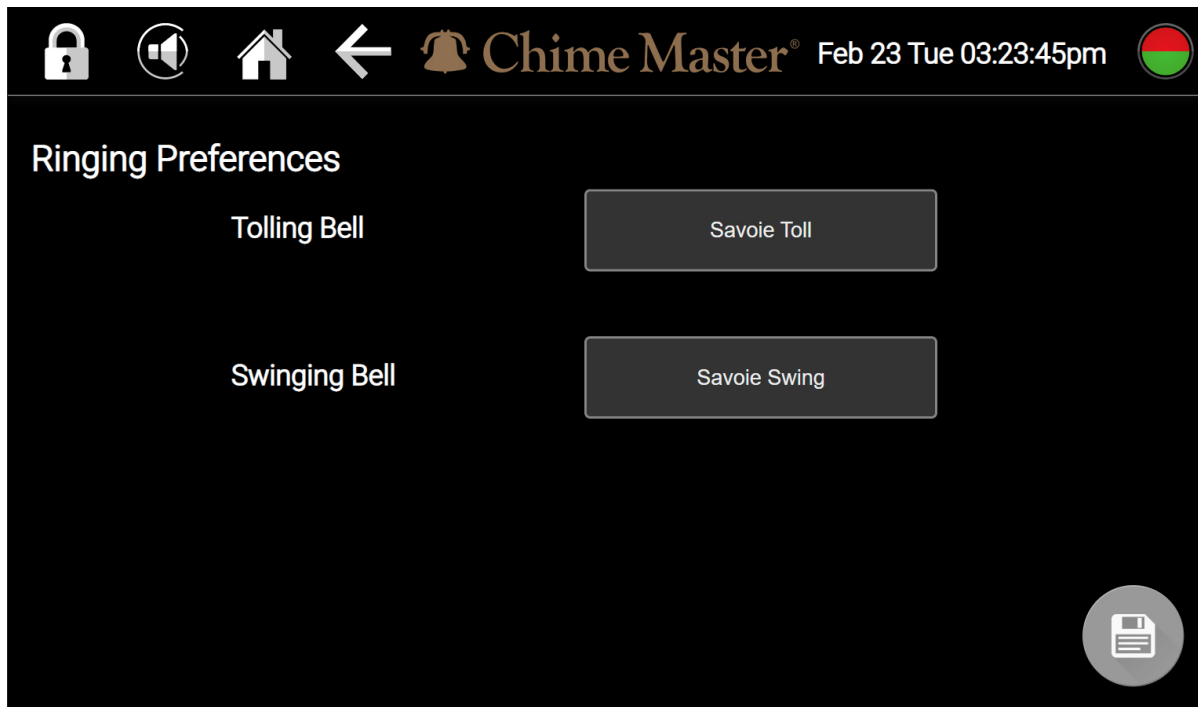
Once you have selected your Arrangement, click on the white box next to it to view your Instrument options. Tap the green play button to sample the combination displayed. Change your setting and listen again until you have decided your default choices.

Save

When your preferred Arrangement is checked and your Instrument is displayed, tap the gray save icon. Changes will become effective after the bells are scheduled to be silent for a brief period (gears will display in the status icon). All future scheduled SmartAlmanac music concerts will be re-selected to reflect your changes.

Ringling instrument setup AX

Ringling instrumentation options are only available on Platinum AX models.



When choosing the instrument setting for some ringling, one of your options is default settings. Your system is programmed so that your default settings are the most common choice among Chime Master customers, but if you prefer something different, you can easily change this setting.

Tap Settings and Ringling to change your default instrument for bell ringling. Click on the white box to view your options. Make your selection and tap the gray save icon. Changes are effective right away.

