IS Series Syncing School Clocks

The IS Series has the ability to provide a momentary trigger output at a specific time that can be used to synchronize non network clocks within the school to the bell schedule stored on the IS-CCU. When using network clocks, it is recommended to syncronize the clocks and the IS Series intercom to the same NTP server.

IS Series School Block Diagram

**Features**

**Overview**

The IS-CCU has 8 dry contact outputs (L1-L8) that can be triggered by a schedule. The dry contact output can in turn be used to trigger a clock system on a daily / weekly basis to synchronize the clocks with the IS Series intercom system. The output can be triggered by using 1 of the 20 available events in an existing schedule, or it could be an entirely separate schedule. Note that only one schedule can be assigned to any day of the week. To ensure accurate time, it is recommended to sync the IS system with an NTP server (if available).

**Procedure**

Access the programming by logging into the IS Series intercom system. Create a chime schedule or add to an existing chime schedule. Listed below are the key areas. For complete instructions, refer to the IS Series Local Setting Manual.

- Click Registering daily chime schedule
  - Click Add button
  - In the next window enter the time when the clocks need to be triggered
  - In the Sound source section click on the External sound source radio button
  - Close the window and click Temporarily stored to save changes

- Click Chime schedule setting to select the days the schedule will be active

- Click Advanced station settings
  - Check the box beside Central control unit (yellow) then click the Advanced settings button
  - Click the Contact output button
  - Select the output to be used (L1 - L8)
  - Select External sound source
  - Close the windows and click Temporarily stored to save changes

- Update the system

The programmed relay will trigger when the external sound source is activated by the scheduled time event. Wire the relay contact to the clock system sync input.

For more details about the features and information above, please contact Technical Support.

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