

The Tallye™

User Manual

Features

The Tallye™ voting system features are described below.

- **Voting system.** The consists of the Tallye™ Voting System Controller, voting stations, queue controller and a vote results display.
- **Voting/Queuing system.** The Tallye™ may be incorporated into the queuing system with the addition of the Tallye™ Voting System Controller and a vote results display. The voting stations are also used as queuing stations.
- The Tallye™ is available in portable or permanently installed versions.

Applications

The Tallye™ Voting System.

- The Tallye™ permits the members of a meeting to vote on issues and agenda items in full secrecy.
- Each person that can vote will have a voting station with two or three buttons: **YES**, **NO** and **ABSTAIN**. On two button stations, to **ABSTAIN**, simply press the **YES** and **NO** buttons simultaneously.
- Once everyone's vote is stored in the system, the vote summary and/or detailed vote results may be displayed for all to see.
- The vote results summary is displayed on a large five inch high remote display. It displays the number of **YESes**, **NOs** and **ABSTAINs**.
- The vote results are also displayed on a large display with individual names of the members voting along with the member's respective vote using indicator lamps for the

YES, **NO** and **ABSTAIN**.

- This **system** is great for City Council, Planning Commision, Corporate meetings, school board or any other meeting where multiple people may wish to vote on issues.
- To enter the vote mode, press the "**Vote Enable**" button on the Tallye™ controller. The stations now become voting stations. Once everyone has voted and the vote results displayed, press the "**Vote Enable**" button again to return to the **Queuer™** mode.

Optional accessories

The following optional accessories are available for the queuing system.

- VT-101A Video Title Generator. The video title generator puts the name of the person speaking into the streaming video.
- TLY-309A Voting system Results Display. The Voting system Results Display displays the **YES**, **NO** or **ABSTAIN** results of each of the individual members that voted.
- DSP-250 Remote Display with 2-1/2" high letters. One or more displays may be connected to the display controller. This display indicates summary of the vote results. It displays the number of **YESes**, **NOs** and **ABSTAINs**.
- DSP-500 Remote Display with 5" high letters. One or more displays may be connected to the display controller. This display indicates summary of the vote results. It displays the number of **YESes**, **NOs** and **ABSTAINs**.
- PS-2RJ Power supply. This power supply is required if more than two remote displays are installed. One power supply can power two remote displays.

Description

Tallye™ Functions (Voting System).

The Tallye™ functions are summarized below.

- **The Tallye™.** The members of a meeting can vote on issues and agenda items in full secrecy. Once everyone's vote is stored in the system, the vote summary and/or the detailed vote results may be displayed for all to see.

User controls.

The Tallye™ has a Voting Station for each person that will be voting. At the beginning of the meeting, the voting system is configured to mark the persons present or absent.

Configuration (Marking present and absent).

At the beginning of a meeting, the voting system should be configured to mark the persons present or absent.

1. Make sure that the voting system displays **OFF** in the vote controller display. If not, press the **Vote Enable** button until **OFF** is displayed in the display.
2. Press and hold the **Vote Results** button.
3. While the **Vote Results** button is held depressed, press the **Vote Enable** button.
4. The display will show "9 P".
5. Press the **Vote Results** button to select between present, absent and voting station not used.

P = Present

A = Absent

Blank = Voting station not used.
6. Once the desired selection is made, press the **Vote Enable** button to program the next station.
7. Repeat step 5 and 6 until all voting stations have been configured.



The Voting Process

The voting system controller is used to enable and disable the voting process. This unit also enables the vote results to be displayed.

There is a voting station for each person that is allowed to vote. Each voting station has two buttons, The **VOTE NO** button and the **VOTE YES** button

- To initiate the voting process, press the **Vote Enable** button.
- The vote results button should begin blinking. Also, both the yes and no indicators on each of the voting stations will begin blinking.
- The count in the voting system controller display will be the number of persons that will be voting.
- Each of the voting members should select YES, NO or ABSTAIN buttons. On voting stations with only 2 buttons press both simultaneously.



- Once one of the vote buttons have been pressed, the indicators at that voting station will stop blinking and display the resulting vote in the yellow and green indicators at that voting station

- The count on the display of the voting system controller will be decremented by one.
- **NO Vote**

Pressing the NO button indicates that the person at this cueing station desires to record a NO vote. The Yellow NO indicator will turn on and remain on. This vote may be changed at any time during the voting process until all persons have recorded their vote.

- **YES Vote**

Pressing the YES button indicates that the person at this cueing station desires to record a YES vote. The Green YES indicator will turn on and remain on. This vote may be changed at any time during the voting process until all persons have recorded their vote.

- **ABSTAIN Vote**

Pressing the ABSTAIN button (or both YES and the NO buttons simultaneously) indicates that the person at this cueing station desires to record an ABSTAIN vote. The Green YES and Yellow NO indicators will turn on and remain on. This vote may be changed at any time during the voting process until all persons have recorded their vote.

- Once everyone has voted, the count in the voting system controller display will be zero.

Displaying the Vote results.

The vote results button may be pressed at any time to display the current vote status.

- **Open vote.** Press the vote results button after pressing the vote enable. As voters make their selection, the results will be immediately displayed.
- **Secret vote.** Once everyone has voted, the **Vote Results** button may be pressed to display the vote results.
- The result summary will be displayed on the voting system controller and on the large LED display, if installed.
- A detailed vote result will be displayed on the large vote results wall display.



The Tallye™ Technical Manual

Installation

See the block diagrams and interconnection diagrams for more detail.

- Connect the queuing station controller QUE-101A ports 1 through 9 to each of the Queuing stations 1 through 9 using a standard 4 conductor modular phone cord.
- Connect the queuing station controller QUE-101A to the **Tallye™** voting system controller VOT-102A using a standard six conductor modular phone cord.

- Connect the **Tallye™** vote result display to the queuing station controller Tallye master control VOT-102A using 1 pair (2 conductor) modular phone cord.

NOTE: Alternative installation. You may connect the Vote Result Display directly to the QUE-101A using a splitter. If you install a splitter, make sure that the splitter connects all 6 conductors. You will need to install the splitter on the data port of the QUE-101A.

NOTE: Instead of using splitters, you can wire multiple RJ-11 jacks together according to the interconnection diagram provided.

- Connect the **Tallye™** DSP-250A or DSP-500A large LED vote summary display to the queuing station controller QUE-101A data port using 2 pair (4 conductor) modular phone cord. If you install a splitter, make sure that the splitter connects all 6 conductors. The **Tallye™** controller requires all 6 conductors. You will need to install a splitter on the data port of the QUE-101A.

The Power Supply Considerations

The current consumption of the devices are specified below. All currents are typical and may vary plus or minus 20 percent from the stated values..

- The QUE-101A consumes 200 ma.
- The Voting Stations with incandescent bulbs consumes 100 ma.
- The Voting Stations with LEDs consumes 20 ma.
- The VT-101A consumes 100 ma.
- The TLY-309A consumes 350 ma. per name. Use a separate transformer for this display. A typical system with 9 voting stations consumes 3.15 amps.
- The TLY-101A consumes 100 ma.
- The TimeKeeper consumes 100 ma.
- The DSP-250 consumes 200 ma.
- The DSP-500 consumes 350 ma.

The wall transformers provide the current as specified below.

- The WT-12VAC-2000A provides 2 amps.
- The WT-12VAC-4000A provides 4 amps.

Cable Length Specifications

Refer to the national electric code for regulations in your area. Always use the shortest length wiring as is reasonable.

- When the total current consumption is greater than 100 ma and the cable length is over 25 feet, use 18 gauge or larger wire.
- When the total current consumption is greater than 100 ma and the cable length is over 100 feet, use 16 gauge or larger wire.

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