INTERNATIONAL ROLL-CALL® CORPORATION

PRESENTS

LEGISLATIVE VOTING CONSOLES

ENHANCING ACCURACY, SECURITY, AND EFFICIENCY IN LEGISLATIVE CHAMBERS

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LEGISLATIVE VOTING CONSOLES

Legislative voting consoles are a critical component of modern chamber operations, serving as the primary interface between elected officials and the official legislative record. As deliberative bodies evolve, so too must the technology that supports secure voting, real-time decision-making, and operational transparency.

International Roll-Call® (IRC) provides industry-leading voting console solutions designed for durability, flexibility, and integration with comprehensive legislative management systems. **Installed in over 60 legislative chambers across the United States**, IRC consoles are engineered to meet the unique procedural, architectural, and technological requirements of each client.

PRODUCT OVERVIEW

IRC voting consoles are purpose-built hardware interfaces that enable legislators to:

- Cast votes (e.g., YEA, NAY, ABSTAIN)
- Request recognition to speak (RTS)
- Initiate procedural actions (e.g., motions, summons)
- Interact with chamber-specific workflows

Each console integrates seamlessly with IRC's voting and display infrastructure, ensuring real-time synchronization between member input and chamber-wide reporting systems.

CORE DESIGN PRINCIPLES

1. Reliability and Durability

IRC consoles are engineered for long-term use in high-demand legislative environments. Hardware components, from switches, LEDs, to circuit boards, are selected for:

- High lifecycle ratings and millions of activations;
- Minimal failure rates; and
- Resistance to wear, spills, and physical stress.

2. Customization and Flexibility

No two legislative chambers are identical. IRC designs each console to meet client-specific needs, including:

- Material finishes: anodized aluminum, brass, or custom textures
- Form factors: embedded desk plates or full console housings
- Engraving and branding: seals, medallions, and chamber identifiers
- Layout configurations: up to six programmable buttons per console

Customization extends beyond aesthetics to functional adaptability, allowing jurisdictions to tailor consoles to each legislature's individual preferences and procedural rules.

Oklahoma House of Representatives Card Reader Voting Station (top left); Pennsylvania House of Representatives Member Console (top right); Massachusetts House of Representatives Member Console (bottom left); South Carolina House of Representatives Member Console (bottom right)

FUNCTIONAL CAPABILITIES >>>

Voting Button Technologies

IRC supports multiple switch technologies to balance durability, usability, and installation constraints.

Flush-Mount Switches (Preferred Standard)
Flush-mount switches represent IRC's current standard due to their:

- Tamper-resistant design;
- Full-surface illumination;
- Tactile feedback ("click" response);
- Internal LED illumination of button caps; and
- Ease of maintenance via modular components.

These switches prevent common misuse or tampering and provide clear visual confirmation to the users.

Honeywell Single-Piece Switches
Another option that IRC offers are Honeywell single-piece switches, which offer:

- Tactile feedback
- Push-on PCB connections (no soldering)
- Ease of installation and replacement
- Internal LED illumination of button cap

Voting and Input Options

IRC consoles support a wide range of configurable functions, including:

- Yea / Nay / Abstain voting
- Request to Speak
- Request to "Page" or "Summons" staff
- Other customized procedural actions

Although six buttons is the standard maximum based on current hardware architecture, configurations can be adapted through software logic and future hardware development.

SECURITY AND AUTHENTICATION >>>

IRC offers multiple authentication methods depending on chamber requirements:

Key-Based Activation: Physical keys enable or disable a member's console and prevents unauthorized use when a desk is unattended.

Card-Based Systems: RFID/HID card authentication allows members to vote from multiple locations, offering time-limited activation for secure transactions.

Additional Console Features

Modern IRC consoles can integrate a wide range of supplementary capabilities:

- **Audio controls:** headphone jacks and volume adjustment
- **Accessibility features:** IR hearing assistance systems
- **Power access:** AC outlets, USB-A, and USB-C charging
- **Mobility solutions:** detachable or wheelchair-accessible consoles

INSTALLATION AND MAINTENANCE >>>

Installation Efficiency

Installation timelines vary by chamber but are typically rapid, with small deployments ranging from as little as 1–2 days and large-scale installations often completed in phased or pre-assembled workflows dependent upon chamber size.

IRC teams frequently adapt to on-site conditions, including variations in desk construction, historical preservation constraints, and inconsistent mounting configurations.

Maintenance Model

- Low failure rates (typically 1–2 units per cycle)
- On-site staff training provided
- On-site spare units enable immediate replacement
  Defective components are returned to IRC for repair

This modular approach minimizes downtime and ensures continuity of operations.

IRC VOTING CONSOLES ARE MORE THAN JUST HARDWARE; THEY ARE A PRECISION INTERFACE FOR LEGISLATIVE DECISION-MAKING. OUR TEAM WORKS CLOSELY WITH CLERKS, PRESIDING OFFICERS, AND LEGISLATIVE IT STAFF TO DESIGN CONSOLE CONFIGURATIONS THAT ALIGN WITH YOUR CHAMBER'S PROCEDURES, INTEGRATE SEAMLESSLY WITH EXISTING VOTING AND DISPLAY SYSTEMS, AND REFLECT THE UNIQUE CHARACTER OF YOUR INSTITUTION. PARTNER WITH INTERNATIONAL ROLL-CALL® TO BRING RELIABLE, SECURE, AND FULLY CUSTOMIZED VOTING TECHNOLOGY TO YOUR CHAMBER.

PARTNER WITH INTERNATIONAL ROLL-CALL® CORPORATION

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