

# Telecomm Splitter Caldwell Systems Corporation

## Caldwell Telecomm Splitter



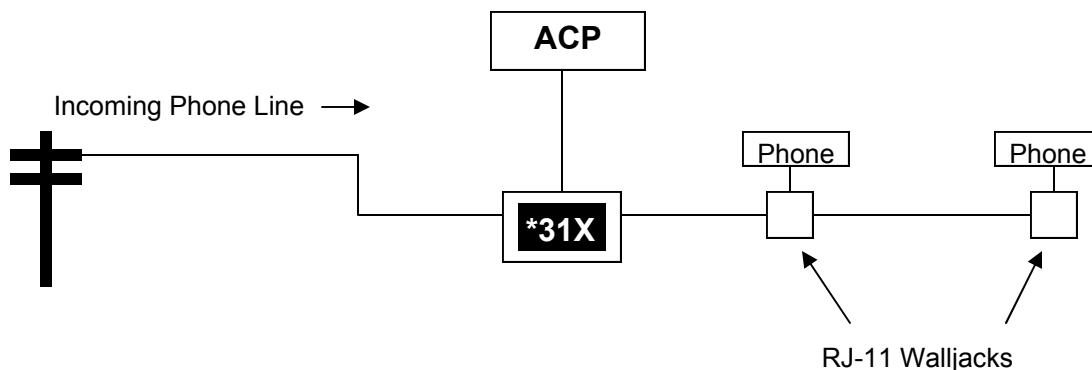
TMMCOMM

**Principles of Operation:** Most multi-location organizations such as fast food and petroleum/convenience store chains poll several data devices at each remote location after the high traffic periods or in the evenings. In the past, a dedicated phone line was needed to access each device. Eliminating the need for dedicated phone lines, the ACP allows you to individually access each remote location's telecomm/data devices such as personal computers, cash registers, energy management systems, and time clocks to retrieve confidential data with a single phone call.

**Note:** The Telecomm Splitter must be connected to the telephone line before being connected to any other device.

### Typical Installation

**Single Line Installation:** RJ-31X placement in a singleline wiring configuration occurs before all existing phone equipment. The wiring configuration is characterized by a single incoming phone line with single or multiple RJ-11 walljacks.



**\*Note:** The RJ-31X is a modular walljack that allows the ACP to intercept the incoming phone call first to determine routing.



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## Telecomm Splitter Specifications

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Dimensions: Length: 9 1/2" Width: 6 1/4" Height: 1 3/8"

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At AC Transformer: 110-125 Volts AC Only, 50-60 Hz

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At Power Jack On ACP: 12-15 Volts AC Only

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Power Consumption Idle: 8 Watts

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Ringling A Device: 10 Watts

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CO Interface: REN 1.1B

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DOC (Canada): Load No. 22.6

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Input Ring Detection: 40-150 Volts AC, 15-68 Hz

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Battery: Nominal-45 Volt DC To All Ports.

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Off-Hook Detection: 8-150 mA

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Ringer Frequency: 33 Hz Pseudo-Sine Wave

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Ringling No Load: Approximately 105 Volts AC

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Ringling 8000 Ohm Impedance (REN 1.0): Approximately 76 VAC

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Ringling 4000 Ohm Impedance (REN 2.0): Approximately 59 VAC

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Ringling 2667 Ohm Impedance (REN 3.0): Approximately 45 VAC

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Ringling Short Circuit: Current Limited to 30mA

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(Impedances of less than 2667 ohms not recommended)

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## System Customization

The ACP system can be easily tailored to fit the needs of individual organizations or departments. An unlimited number of remote site information systems can be accessed, and with its programming, the systems functions can be configured to meet the specifications of both calling and retrieving MO-DEMS and long distance switching time. By utilizing programmable security codes (up to seven digits), 35 millions possible combinations of codes prevent unauthorized access to the data devices.



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