

# CallFinder®

## DID-to-Analog Adapter



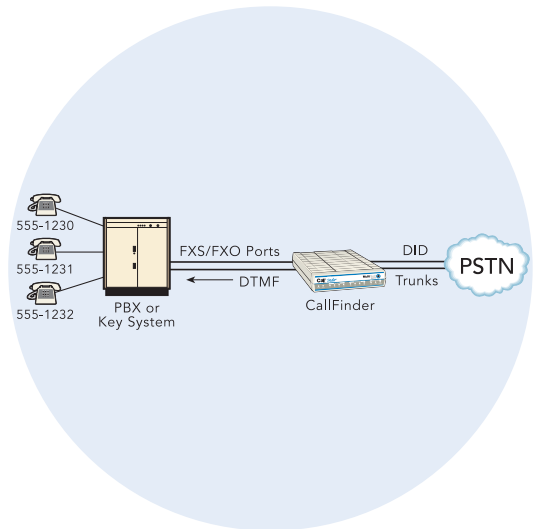
The CallFinder® DID-to-analog adapter allows a non-DID enabled PBX or key telephone system to support analog DID services through standard analog station or CO port connections. It enables the phone system to directly route incoming calls to end-user extensions. The CallFinder DID-to-analog adapter has two DID ports and two programmable FXS/FXO ports and offers a web interface for system configuration and management.

### Features

- Direct routing of incoming calls to end-user extensions
- Two Direct Inward Dial (DID) ports
- Two programmable FXS/FXO ports
- DID ports support wink-start, immediate-start and delay dial service types
- Interfaces with most call processing systems
- Supports audio ring and busy
- Web interface for system configuration and management
- Flash memory for easy updates
- Small footprint
- Two-year warranty

### Benefits

- Direct routing of incoming calls
- Utilizes a standard FXS/FXO connection
- Easy to configure and manage



## Highlights

**DID Enabler.** The CallFinder DID-to-analog adapter allows non-DID enabled systems to support auto-call routing, eliminating the need for a receptionist or auto-attendant menu dialing. Direct Inward Dialing (DID) allows a PBX or key telephone system to use a block of telephone numbers, via two DID lines, for direct dialing to extensions. Callers simply dial a typical telephone number (no special procedures are required). The CallFinder DID-to-analog adapter automatically converts the DID phone number to analog DTMF tones and delivers it to the PBX to ring the called party's extension.

The CallFinder DID-to-analog adapter can interface to most call processing systems capable of detecting ringing, loop current and providing on/off hook control. It supports two DID circuits that can be programmed to support wink-start, immediate-start or delay dial service types. In addition, it offers answer supervision and passes audio notification, from the switch, back to the central office (audio ring and busy).

**Loop Start/CO Port Connections.** The CallFinder DID-to-analog adapter can also connect to the PBX/KTS via a Loop Start/CO port (FXO). With this setup, an answering device, such as an Auto Attendant, is required. When a DID call is received, the CallFinder DID-to-analog adapter will check its table, ring into a Loop start trunk, and deliver the extension number via DTMF tones. The PBX delivers the call directly to the end-user automatically bypassing the auto attendant menu. In addition, because it is delivered as an outside call, the user now has the ability to offer call detail reports through call accounting software.

**Analog Extension/Station Port Connections.** If you don't have any available CO ports, the CallFinder DID-to-analog adapter can also connect to the PBX/KTS via an analog extension/station port (FXS). When using this type of connection, the PBX will deliver the call to the end-user as an internal call. Typically the user would program the PBX/KTS to display "DID Call" to the other station phones.

**Who's Multi-Tech?** Multi-Tech Systems is an ISO 9001:2000 certified global manufacturer of award-winning telephony, Internet, remote access and device networking products that connect voice and data over IP networks. Within a 34 year history inventing products known for their reliability and performance, Multi-Tech still employs the same mission from which the company was founded: to provide quality solutions that solve real business problems. To reinforce this philosophy, Multi-Tech prides itself on developing and fostering mutually beneficial long-term relationships with its worldwide network of technology partners, sales channels and customers.

**Comprehensive Service and Support.** The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes free telephone technical support, 24-hour web site and ftp support.

## Specifications

### Connectors

- 2 RJ-12 (DID lines); 2 RJ-11 (FXS/FXO ports)
- 1 10/100BaseT Ethernet (configuration & management)

### DID (analog loop start DID lines)

- Service Types: Wink-start; immediate-start; delay dial
- Signaling Types: DTMF (1-7 digits accepted)

### FXS

- Ring Voltage: 48V peak square wave @ 25 Hz
- Battery Voltage: 48V current limited @ 45mA

### Physical Description

- 4.25" w x 1.15" h x 5.8" d; 1.75 lb.  
(10.8 cm x 2.9 cm x 14.8 cm; .8 Kg)

### Power Consumption

- Typical: 860mA @ 5VDC; 240mA @ 48VDC
- Maximum: 1200mA @ 5VDC; 350mA @ 48VDC

### Power Supplies

- 2 x 100-240VAC, 47-60 Hz

### Operating Environment

- Temperature Range: +32° to +120° F (0° to +50° C)
- Humidity Range: 25-85% noncondensing

### Certifications

- EMC: FCC Part 15 Class A, EN 55022, EN 55024
- Safety: cUL, EN 60950, UL 60950
- Telecom: 47CFR Part 68, CS03

## Ordering Information

Product	Description	Region
CF220	2-Port DID-to-Analog Adapter	US/Can

Made in Mounds View, MN, U.S.A.

Features and specifications are subject to change without notice.

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