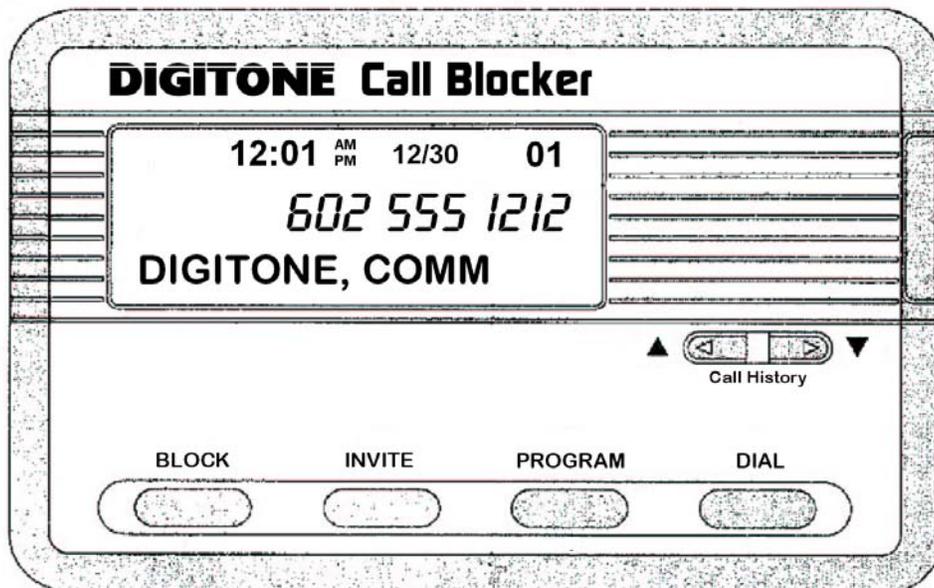


# DIGITONE™ Call Blocker™

AUTOMATICALLY BLOCKS AND ROUTES  
SCREENED CALLS WITH CALLER ID

U.S. Patent 5,490,210, Patent Pending



## Owner's Manual

Version 10.0

**DIGITONE**  
COMMUNICATIONS  
*Innovators In Telecom Automation*

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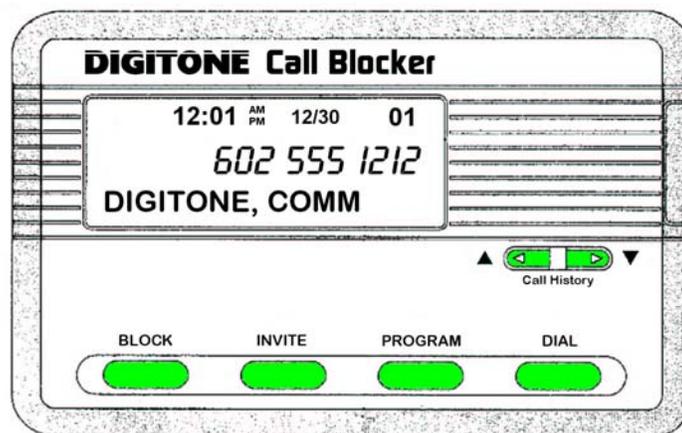
# Digitone Call Blocker™ Setup

Thank you for choosing Digitone's Call Blocker™ Model 10 as your Personal Communicator. Digitone Communications is confident that you will find Digitone's unique preset features and flexibility are just the answer for your communications needs. Just connect your telephone and you're ready to go. You don't need to set any codes as Digitone's Call Blocker can operate right out of the box.

No Battery Backup is Needed - If there is a power outage, all of the program settings remain intact.

1. Connect the supplied line cord to your telephone wall jack and then to the Line Port on the Call Blocker. You must connect the Line cord and your Phone to the correct ports in order for the Digitone Call Blocker to operate properly. Initially, "Line In Wrong Port" will show on the display until the Line cord is plugged into the LINE port. "Check Cords" will display if the Line cord is disconnected afterwards.
2. Plug the small end of the Power Supply into the port labeled "24VDC" on the Call Blocker, next plug in the Power Supply to a 120/240VAC wall receptacle.
3. Connect your combo Phone/Answer Machine system to the Phone Port of the Call Blocker and set to 3-5 rings. Note if you are using Voice Mail services from your phone company, then don't enable any answering devices there in your home or office.
4. Connect an optional answer machine to any wall phone connector and set the answer delay to 4-6 rings, or 1 ring greater than the answering device in the Phone port. This separate answer machine will capture any uninvited calls not answered by the Combo Phone/Answering device in the Phone port.

## Standard Caller ID Display



## Automatic Caller ID Call Routing

Caller ID service from your phone company is required for Digitone's Call Blocker to work. The first call to your Call Blocker unit will initialize the clock and calendar to the current date and time. Automatic call routing will begin to work right after the first call when Caller ID information is displayed.

**Viewing Call History** The left Up arrow button displays the previous calls or Top of List. The right Down arrow button displays the last call or End of List.

## Clearing Display

To remove a single number from Call History, use the **Up or Down** arrow keys to select the number you want to remove. Notice the number has dashes between the digits, Ex. 602-555-1234, Press and hold the Block Button for 3 seconds, then see "Release Button". Release the button to clear that displayed call.

**To Remove the entire Call History**, if a number has dashes between the digits, wait until the dashes are removed, Ex. 6025551234 and only the number shows, then Press and hold the Block Button for 3 seconds, you will then see "Release Button". "CID List Deleted" will then display, clearing all call history.

# How Digitone's Call Blocker Operates

When calls come in, all phone numbers that are Invited will ring phones throughout your home/office like normal and to the PHONE Port on the back of the Call Blocker, except for **Anonymous, Out Of Area, Private** and **Unknown callers** showing **no phone number**. These calls will be answered by the Call Blocker for processing and by default be hung-up on unless program Code 72 is enabled to allow these call types to ring in. If you are running a business and want to hear from Anonymous, Out Of Area, Private and Unknown callers as well, you can enable **Business Mode Code 31** to allow all callers except those you want to block. **Blocked callers** will be immediately answered and after one ring get hung-up on. If you miss your Invited caller, your combo phone-answer machine attached to the Phone Port or phone company voice mail will take a message for you. If your caller hangs-up during any part of the call, so will Call Blocker to await another call. **VIP callers** can ring through at any time regardless of After Hours Mode or Invited caller settings. Invited callers can only ring through normally when After Hours Mode is not enabled.

**Caller ID Display Buttons** The display is normally in Protected mode, Ex. 6025555555, shown on the display to prevent accidental number entries to a list. To add Blocked, Invited or VIP list entries, you must use the **Up** or **Down** viewing buttons to select a displayed number which will then show the numbers with dashes between the digits, Ex. 602-555-5555. This allows you to add a number to a list.

**Blocking Callers** can be enabled using the **Up** or **Down** viewing buttons and pressing the **Block** button **Twice** quickly on the front panel. **"NBR Blocked"** will display and the light indicator will flash to show that call is now on the **Blocked Call List**. When a blocked caller calls in, the caller ID will display their number and **"Blocked"** with the light flashing to show the call is being answered and hung up on.

**Inviting Callers** can be enabled using the **Up** or **Down** viewing buttons then, press and hold the **Invite** button for one second on the front panel and you will then see "Release Button". Release the button and you see **"NBR Invited"**. The light indicator will flash to show that call is now on the **Invited Call List**. When an invited caller calls in, the caller ID will display their number and **"Invited"**.

**Inviting VIP Callers** can be enabled using the **Up** or **Down** viewing buttons and pressing the **Invite** button **Twice** quickly on the front panel. **"NBR VIP"** will display and the light indicator will flash to show that call is now on the **VIP Call List**. When a VIP caller calls in, the caller ID will display their number and **"VIP"**.

## Types of Incoming Calls

**Invited Callers - 30 numbers or area codes** The factory setting is: **Global Invite** of any call with a standard number displayed. Invited callers are all callers displaying a numerical phone number on the LCD. The Call Blocker will allow all other phones to ring as well, then after seven rings the Call Blocker will hang-up the call, assuming the answer machine doesn't answer the call first. Invited callers will not be able to ring through during the After Hours Mode. If you want specific callers to ring through at that time they must be added to the VIP list. Invited Caller List Limits include either unlimited numbers with Code 96 # \* (factory setting) or added individually.

**VIP Callers - 30 numbers** These callers will be allowed to ring through at all times and are stored in a separate VIP list from the Invited callers. VIP callers can ring through even when the After Hours Mode is used to route calls away from the phone in the Phone port. This caller list should be used for your immediate family or associates who will need full access to you and your phone or for emergencies.

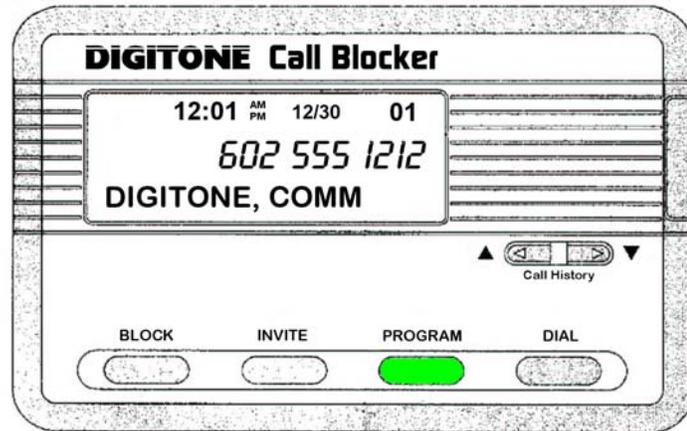
**Blocked Callers - 80 numbers or area codes** Callers on your Blocked list cannot ring your phone in the Phone port and cannot leave a message. Blocked numbers are numbers that you add and will be answered immediately, followed by a hang-up after 8 seconds. The Red light will flash quickly when a call is being blocked.

**OPX Type Calls** - OPX calls display as: Anonymous, Out of Area, Private and Unknown or "X" calls that do not have a minimum 7 digit number displayed, or have characters in the number like # or \*, or have been "Spoofed" to look like a real number. The factory setting is to hang-up on these type of calls.

## Programming Features

To enter a specific program setting, press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone". When you pick up the phone connected to the Phone port on the back of the Call Blocker, the display will show "Enter Code". Enter any of program codes listed in the manual by simply dialing that program code with the phone's key pad to set caller lists or features.

The Call Blocker from the factory Invites every caller except No Number calls and OPX type calls which are automatically hung up on, so you can just enter those callers you want to block using either the Block button on the front panel as the calls come in or if you already know the caller's number, you can enter it with programming. If you want to remove the default Global Invited List, you can use the **Caller List Deletion** command detailed in Programming Numbers and start with your own call list.



### Viewing Caller Lists

When **Call History** starts to fill up with calls, you can jump to the **Top of List** or the **End of List** by pressing and holding the Up arrow key to go to the Top of List or pressing and holding the Down arrow key to go to the End of List.

You can review what numbers are stored in each caller list by entering programming: press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code:

**Code 41** to view **Blocked Caller list** – use arrow buttons to view up or down. To remove an entry press and hold the **Block Button** for 3 seconds on the front panel. The number will then be removed from that list and entered back into the Invited list if code 96 # \* (Global Invited List) is active.

**Code 51** to view **Individually Invited Caller list** – use arrow buttons to view up or down. To remove an entry press and hold the **Block Button** for 3 seconds on the front panel. The number will then be removed from that list.

**Code 61** to view **VIP Caller list** – use arrow buttons to view up or down. To remove an entry press and hold the **Block Button** for 3 seconds on the front panel. The number will then be removed from that list and entered back into the Invited list if code 96 # \* (Global Invited List) is active.

### First Ring Suppression – Caller ID Pass Thru Mode (Code 70)

When a call comes in, the phone company's Caller ID information will display on all phones **connected to the telephone line** but the **Call Blocker will suppress the first ring to the Phone Port** to prevent it from ringing and receiving Caller ID. If the caller is an Invited caller then the Caller ID information will display on the first ring to the phones connected to the Phone port thereafter. This stops unwanted Caller ID information from being received by the phones connected to the Phone port, like Out of Area, Unavailable, a Blocked caller's number. If you don't want to suppress the first ring to the Phone port and hear the first ring, enter programming: press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code **71**, display shows function. This code will allow all rings and all Caller ID information to be received by phones connected to the Phone port. To return to the (default) first ring suppression mode, enter programming: when the prompt for "Enter Code" displays enter code **70**, display shows function.

## Programming Numbers - Invited, VIP and Blocked

### **Global Invite (Factory Default) Invites all callers who display a phone number**

You can invite all callers who display a phone number and yet block a single number or area code. This one command will allow all Invited callers who display a phone number to ring through to the PHONE port and all other devices connected directly to the phone line. To do this, enter programming with the Program Button. Press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code **96 # \***, display shows function. All callers in this list are considered Invited, but not VIP callers who are in a separate list.

### **Inviting Individual Callers - "I want to Block all callers and just allow one or more numbers"**

Note from the factory, **all callers with a number displayed are already invited** and can ring through, but you can create your own caller list by disabling the Global Invited list first. You can then program in preferred Invited callers using the Program Button on the front panel. To enable this feature and to clear the caller lists, press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter **Code 97 #\***, display shows function. Then when the prompt for "Enter Code" displays again, enter **Code 50** to store a 10 digit number, then the \* key. Example for individual numbers enter: Code 50, 602 555 1212 \*, display shows function. Store up to **30 numbers including area codes**.

### **Inviting VIP Callers - "I want to invite my family & friends to ring through at any time."**

You can program in specific VIP callers who can ring through at any time by using the Program Button on the front panel. To enable this feature, press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter **Code 60** to store a number of your VIP callers followed by the 10 digit number, then the \* key. Example for a VIP number enter: Code 60, 602 555 1212 \*, display shows function. Store up to **30 numbers**.

### **Inviting Area Codes**

You can program in specific Invited area codes using the Program Button on the front panel. To enable this feature, press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter **Code 50** to store an area code followed by the # key 7 times, then the \* key. The # key is used as a wildcard replacement for any number. Example for Invited area codes enter: Code 50, 602 ### #### \*, display shows function.

### **Blocking Individual Callers**

To Block specific individual callers, press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter **Code 40** to store a number of your Blocked caller followed by the 10 digit number, then the \* key. Example for a Blocked number enter: Code 40, 602 555 1212 \*, display shows function. Store up to **80 numbers**.

### **Blocking Area Codes**

To Block specific area codes, press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter **Code 40** to store an area code followed by the # key 7 times, then the \* key. The # key is used as a wildcard replacement for any number. Example for Blocked area code enter: Code 40, 602 ### #### \*, display shows function. Area codes are displayed as just the area code and included in the 80 number limit stored.

### **Deleting Invited, VIP or Blocked Numbers**

To delete a single number you have stored, enter programming: press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter **Code 98**, enter the phone number you want to delete followed by the \* key. Example for deleting a number enter: Code 98, 602-555-1212 \*, display shows function.

### **Caller List Deletion**

**WARNING: This will delete all numbers from all lists!** To delete **ALL numbers** stored, enter programming: press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays, enter **Code 98 # \***, display shows: **"ALL NBR DELETED"**. All numbers stored from all lists will be cleared.

## Operating Modes

You can switch between the operating modes using the programming button and by entering one of the mode numbers. The Call Blocker can toggle between the modes Standard, Business or Standby using one of the settings. Note: After Hours Mode runs together with only Standard or Business Mode when either mode is enabled. Mode settings are displayed each time the phone is placed On-Hook (hung-up).

### **Standard** (default) Mode = Code 30

When calls come in, all phone numbers that are Invited will ring phones throughout your home/office like normal and to the PHONE Port on the back of the Call Blocker, except for **Anonymous, Out Of Area, Private** and **Unknown callers** showing **no phone number**. These calls will be answered by the Call Blocker for processing and by default be hung-up on unless program Code 72 is enabled to allow these call types to ring in. **Blocked callers** will be immediately answered and after eight seconds, get hung-up on. To enable this (default) Mode, press and hold the Program Button for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code **30**, display shows function.

### **Business** Mode = Code 31

If you are running a business and want to hear from Anonymous, Out Of Area, Private and Unknown callers as well as any other type of call, you can enable Business Mode Code 31 to allow calls through to the Phone Port except those you want to block. This mode also works with your phone company's voice mail but also blocks those phone numbers you have entered into the Blocked Callers List. **Blocked callers** will be immediately answered and after eight seconds get hung-up on. To enable this Mode, press and hold the Program Button for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code **31**, display shows function.

### **Standby** Mode = Code 32

In Standby, the Phone port will be connected directly to the telephone line and phones connected there will ring. This feature allows you to leave the Call Blocker off whenever you like without disconnecting the device and the RED light will blink slowly. To enable this Mode, press and hold the Program Button for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code **32**, display shows function.

## **After Hours Mode - Programmable Time Feature Introduction**

During a certain time of the day or night you can set the Call Blocker to enter into After Hours Mode. This mode is designed to keep phones connected to the Phone port from ringing and allow calls to be answered by an optional answer machine when it is enabled on a daily basis. If you run a business, then you would use this After Hours Mode so all callers can leave a message. If your work or dinner times are different from regularly scheduled times, you would use this mode so that you can get your sleep or to completely avoid disruptive callers. During After Hours Mode, **VIP callers can ring through at any time** regardless of the After Hours time settings. **Invited callers** can only ring through normally when After Hours Mode is not enabled.

To use the After Hours Mode, you must first understand military time presented here. The clock on the Call Blocker display converts the telephone company's supplied clock data into either AM or PM time. If the morning hours are 1:00am = 0100 hours, 2:00am = 0200 hours, etc. until noon = 1200 hours and then the afternoon hours are 1:00pm = 1300 hours, 2:00pm = 1400 hours, etc. until midnight = 2400 hours. So, to set a time for a business after hours beginning in the early evening until the next morning or 5:00pm to 8:00am you would use the military time of 1700 and 0800 as the two numbers for your After Hours settings. To set a time for dinner in the evening from 6:00pm to 8:00pm you would use the times of 1800 and 2000. To set a time for early morning until lunch time or 1:00am to 12:00pm you would use 0100 and 1200.

### **Monday thru Friday – Start & End Times**

Using military time as shown above, set this feature on by enter programming: press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter **Code 82**, then "**Enter Start Time**" displays, enter the Start time of day

(Ex. 1700, 5:00pm from example above), display shows function. Next, when the prompt for "Enter Code" displays enter **Code 83**, then "**Enter End Time**" displays, enter your End time of day (Ex. 0800, 8:00am from example above), display shows function.

#### Monday thru Friday - Enable

To enable Monday thru Friday, when the prompt for "Enter Code" displays, enter **Code 84**, display shows function. To disable Monday thru Friday, when the prompt for "Enter Code" displays enter **Code 85**, display shows function.

#### Saturday & Sunday - Enable

If you want the same time interval to work during Saturday and Sunday, when the prompt for "Enter Code" displays, enter **Code 86**, display shows function. To disable this feature, when the prompt for "Enter Code" displays, enter **Code 87**, display shows function.

#### After Hours Mode ON or OFF – (Code 80/81)

To enable After Hours Mode, enter programming: when the prompt for "Enter Code" displays, enter **Code 81**, display shows function. To turn this feature Off, when the prompt for "Enter Code" displays enter **Code 80**, display shows function. Note: To enable After Hours Mode you must first enter **Start and End times** (above) and enable day periods (M-S).

### **Anonymous, Out of Area, Private and Unknown (Code 72)**

If you want to have an answer machine take these types of calls and not ring your phone you can program in Code 72 (OPX override). Note that Code 72 allows the OPX calls through to the Line only, not the Phone Port. To enable OPX Override, enter programming: press and hold the Program Button for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter Code 72, display shows function. If you want to restore Blocking of OPX calls later, enter programming: press and hold the Program Button for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays, enter code 73, display shows function.

### **"Private" Call Pass Thru (Code 74)**

Using Code 74 can allow "Private" type calls with No Number displayed to ring through to the Phone port while still blocking Out of Area, Unknown, Unavailable, Anonymous type calls. To enable Private Call Pass Thru, enter programming: then enter **Code 74**, when "Enter Code" displays. To turn this feature Off, when the prompt for "Enter Code" displays enter **Code 75**, display shows function.

### **Dial Displayed Number (Code 90)**

The DIAL button can be used to dial the number displayed of someone who has called in using the Arrow Up and Down buttons to select a specific caller. The default operation of the Call Blocker is to dial exactly the number shown. A second option, Code 91, is to prompt you to either add or remove the "1" (USA Country Code) before the Call Blocker dials the number. The prompt will ask "Dial 1?" and to answer that prompt use the Up arrow key for YES and the Down arrow key for NO. After selecting an answer the Call Blocker will dial the number after which the display will prompt you to "Pick Up the Phone". To enable the Dial 1 prompt enter programming: press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code **91**, display shows function. To return to the (default) dial displayed number only mode, enter programming: press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays enter code **90**, display shows function.

### **Display All Installed Codes (Code 92)**

Press and hold the **Program Button** for 3 seconds until you see "Program Mode", then "Pick Up Phone", when the prompt for "Enter Code" displays, enter code **92** to see the current settings.

**Digitone's Call Blocker** works with all U.S. Domestic and Foreign FSK Caller ID systems on standard 2-wire telephone lines, DSL Modems, VoIP Adapters, Cable Modems, Canadian and Digital to Analog phone services from Skype™, Vonage™, Cell Phone Gateways, and Magic Jack™\*.

\* All trademarks, trade names, service marks and logos of respective manufacturers referenced herein are registered trademarks of their respective companies.

## **Limited One Year Warranty**

Digitone warrants to the original purchaser that its Digitone device and the component parts thereof, are free from defects in workmanship and materials for a period of one year from the date of purchase. **DO NOT INSTALL THIS UNIT OUTDOORS, IT IS NOT WEATHERPROOF!** During the period of one year from the date of purchase, Digitone will repair, or at its option, replace defective component part(s) or product upon delivery to the Service Department accompanied by proof of purchase (sales receipt) without charge for parts or labor. In order to obtain warranty service you must maintain a record of purchase for the duration of the warranty period. This limited warranty does not apply if: the product is damaged by accident, misuse, improper installation, improper line voltage, lightning, fire, water, or other acts of nature, the product is altered or repaired by anyone other than Digitone, the serial number is altered, defaced, or removed. Digitone shall not be liable for any consequential damages, including without limitation, damages resulting from loss of use or cost of installation. Some states do not allow this exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty is in lieu of all other warranties, express or implied including any implied warranty of merchantability or fitness for a particular use or purpose. This limited warranty gives you specific legal rights; other rights may apply which vary from state to state.

## **Limited Liability Notice**

Digitone Communications, (herein "Digitone") advises customers who use the Digitone screening and call blocking device that certain personal situations may arise out of the use of it which include but are not limited to: blocking certain individuals, businesses and telephonic devices that are calling into your home or business who might find the Digitone offensive due the nature of its call blocking features which you have desired to use voluntarily. Other situations may arise out of the use of the Time Of Day feature when no callers can ring directly through and thereby result in missed opportunities or emergencies. Digitone shall not be liable for any consequential damages arising from these and other situations, including without limitation, damages resulting from the use of the Digitone screening and blocking device or any of its associated hardware or software by the original purchaser, user, owner or anyone or any entity. Digitone further asserts that the user should use discretion when blocking his callers to avoid any potential problematic social or legal matters. Users of any of the Digitone devices accept these conditions with full knowledge of their actions and hold Digitone harmless of the outcome.

## **Service-Repair and FCC Registration Information**

In the event the product proves defective in workmanship or materials, the purchaser should call Digitone at 1-877-610-5693 to obtain a Return Merchandise Authorization (**RMA**). The purchaser would then put this code on the exterior of the package shipped to Digitone. Any unit returned without this code will be refused and returned at sender's expense. Product should be shipped freight prepaid along with evidence of authorization to:

### **Digitone Communications**

**10580 N. McCarran Blvd.**

**Ste. 115-543**

**Reno, NV 89503**

Ship the unit freight prepaid to the above address. Your Digitone device is registered with the Federal Communications Commission and is in compliance with Parts 15 and 68 of the FCC Rules and Regulations. This device has been tested and found to comply with the limits for a "Class B" computing device in accordance with Part 15 of the FCC Rules.

## **Digitone Website Support**

Visit [www.digitone.com](http://www.digitone.com) for help with this device.

Support can also be obtained at 1-877-610-5693 or via email at [support@digitone.com](mailto:support@digitone.com).

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