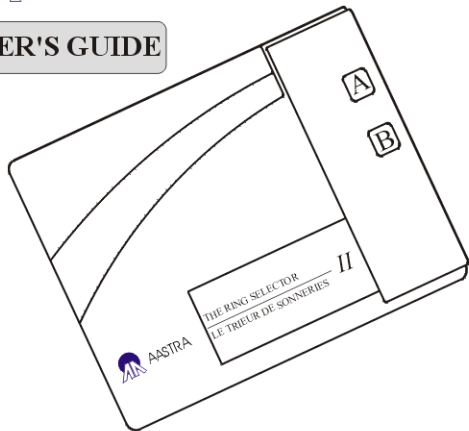




## USER'S GUIDE



Aastra Telecom

REV-1.1  
G1009/P10020

# 1 INTRODUCTION

The Ring Selector *II* (RSII) is a device which works in conjunction with the Ident-A-Call\* service. In order to use the features of the RSII, you must subscribe to this service with your telephone company. The Ident-A-Call service allows you to have two (2) to three (3) telephone numbers on a single telephone line. Different ringing sequences are associated with each telephone number.

Ring Pattern 1:           primary number, one ring pulse  
Ring Pattern 2:    —  second number, two ring pulses  
Ring Pattern 3:    — —  third number, three ring pulses

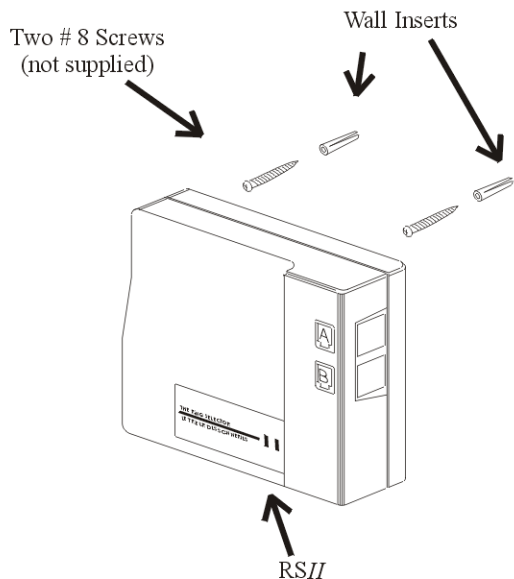
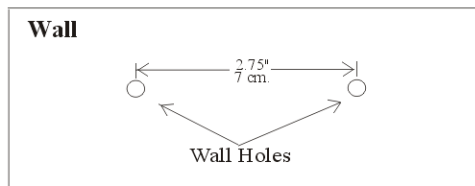
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The RSII has two output ports. Each output port passes one of the three Ring Patterns, while blocking all others. The RSII is designed to be fully compatible with your telephone company's calling features such as Call Display\*, Call Return\* and Call Answer\* (message waiting). It is suitable for use with telephones, modems, facsimile machines and answering machines.

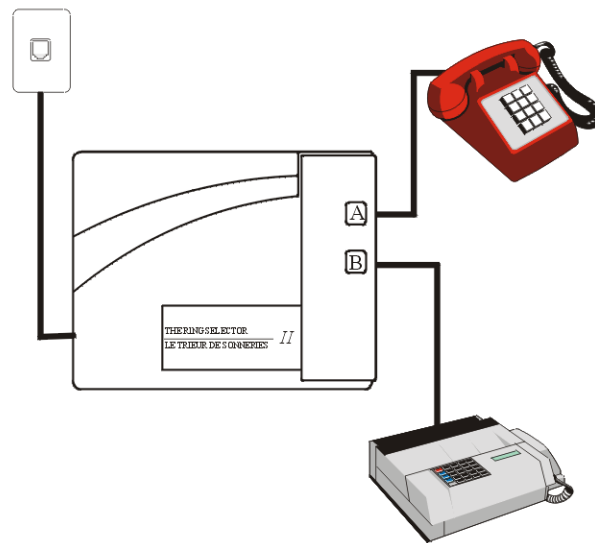
# 2

## INSTALLATION

The RSII can be wall mounted. Simply screw the RSII at the desired location, with two # 8 screws, approximately 1" long (not supplied), near a telephone wall jack, as per diagram below:



Connect the RSII jack port (left side) to the wall outlet jack. The output ports, designated as **A** and **B**, are connected to the targeted telephone devices. In a typical operation (shown below), the primary number is for voice calls and the second number (Ident-A-Call number) is for fax.



For best results, set your telephony devices as follows:

- fax and phone on "tone" dial
- fax machine on "fax only" mode
- fax or modem to receive after 2 rings

A set of dip switches is located on the bottom side of the device. These dip switches accommodate special applications (see Section 3, Advanced Operations).

Under the factory settings (all dip switches in the "off" position), **A** passes Ring Pattern 1 and **B** passes Ring Pattern 2.

NOTE: Extension telephones not attached to a RSII will ring for all Ring Patterns. The distinctive Ring Pattern will indicate when to answer these extensions. Should you wish to have only one Ring Pattern to pass through to one of these telephones, while blocking all others, Astra offers a low cost, single port Ring Selector. Please contact your local dealer or Astra for further information.

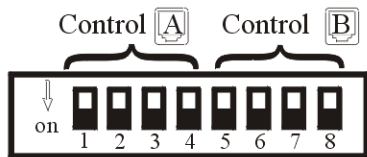
\* Ident-A-Call is a trademark of Bell Canada. The Ident-A-Call service is referred to by other telephone companies as Ident-A-Ring, RingMaster, SmartRing, Priority Ring, RingMate, Personalized Ring, Custom Ringing, Distinctive Ringing and other similar names. Call Display, Call Answer, Call Return and Ident-A-Call are services that may be available from your local telephone company, which typically levies a monthly service fee.

### 3 ADVANCED OPERATIONS

Change the factory settings of the dip switches only if you need to accommodate any of the following:

- Call Display telephones<sup>†</sup>
- a change in the Ring Pattern passed by **A** or **B**
- a transformation of the Ring Pattern<sup>††</sup>
- Busy Call Return<sup>†††</sup>

The dip switches are located on the bottom side of the device. Under factory settings, all dip switches are set to the "off" position as shown below:



Dip switches 1 to 4 control **A**, while 5 to 8 control **B**.

A sharp object, such as a tip of a ball point pen, can be used to change the dip switch settings.

<sup>†</sup>To read the caller ID information, some caller ID telephones require the first ring to "wake-up". Dip switches 1 and 5 accommodate this.

<sup>††</sup>Some answering machines interpret each ring pulse in a Ring Pattern as a complete ring cycle. This causes the answering machine to answer too quickly. Dip switches 3 and 7 accommodate these answering machines.

#### FOR CONTROL OF OUTPUT PORT A:



Dip Switch	Setting	Control Display
1	off on	suppresses the first ring cycle for certain Call Display telephones <sup>†</sup>
2	off on	allows Ring Pattern 1 to pass through allows Ring Pattern 2 to pass through
3	off on	Ring Pattern remains the same Ring Pattern is converted to a single ring pulse <sup>††</sup>
4	off	no Busy Call Return <sup>†††</sup>

#### FOR CONTROL OF OUTPUT PORT B:



Dip Switch	Setting	Control Display
5	off on	suppresses the first ring cycle for certain Call Display telephones <sup>†</sup>
6	off on	allows Ring Pattern 2 to pass through allows Ring Pattern 3 to pass through
7	off on	Ring Pattern remains the same Ring Pattern is converted to a single ring pulse <sup>††</sup>
8	off	no Busy Call Return <sup>†††</sup>

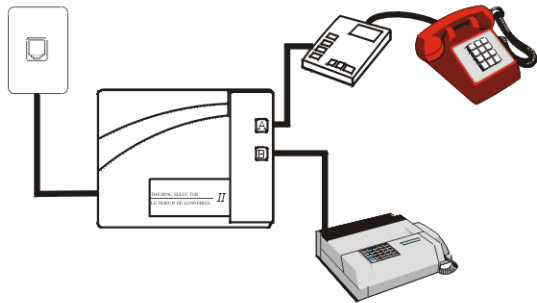
<sup>†††</sup>Only for Busy Call Return signals which are similar to Ring Pattern 3.

# 4 TYPICAL SCENARIOS

## Scenario A:

- Situation:**
- two telephone numbers, one line
  - primary number for voice
  - second number for fax
  - answering machine

- Solution:**
- do not change factory settings
  - install as shown below



Dip Switch Positions:  on  off

## Scenario B:

- Situation:**
- two telephone numbers, one line
  - primary number for voice
  - second number for fax
  - answering machine
  - Call Return

- Solution:**
- installation as in Scenario A
  - set dip switch 4 to "on"



## Scenario C:

- Situation:**
- three telephone numbers, one line
  - primary number for personal friends
  - second number for business voice calls
  - third number for fax calls
  - answering machine for business calls

- Solution:**
- installation as in Scenario A
  - set dip switches 2 and 6 to "on"



Note: Your extension phones for personal calls (primary number) will still ring for both fax and business calls but you will know not to answer because of the distinctive Ring Pattern.