

# Ring Signal

OPERATIONAL DIRECTIONS



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## GENERAL

The purpose of the basic function *ring signal* is to provide a specific ring tone (internal, external, or callback) to the called party, depending on the calling party or the incoming route number.

Ring signals can only be initiated on directory numbers. A ring tone can be initiated for a called directory number when the (A-party) caller is either internal, set by the caller number, or external, set by the route number.

### 1.1

## GLOSSARY

For a complete list of abbreviations and glossary, see the description for *ACRONYMS, ABBREVIATIONS AND GLOSSARY*.

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## PREREQUISITES

The directory number stated in the command must be assigned to an extension type that is allowed to have a ring signal. The ring signal can be initiated towards ATS, CAS, DTS, IP (H.323 & SIP), CXN, and Free seating type of extensions.

Verify with the command *license\_status* that the MX-ONE system has a valid license for ring signal. The status printout should be ALERT-RING-SIGNAL. If a license is missing or needs to be upgraded, contact the purchase office where the MX-ONE system was bought. When a new license file is received, see the operational directions for ADMINISTRATOR USER'S GUIDE section LICENSE HANDLING.

While initiating a ring signal to an extension for the first time, a license gets seized. When all initiations are removed, the license will be released.

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## PROCEDURE

Initiate, remove, or print ring signal data.

## 4 EXECUTION

### 4.1 INITIATE RING SIGNAL DATA

#### 4.1.1 PREREQUISITES

The directory number is assigned to a valid extension type.

#### 4.1.2 EXECUTION

Flow		Measure/ Question	Observation/ Comment
<pre> graph TD     START([START]) --&gt; 1[1]     1 --&gt; 2{2}     2 -- YES --&gt; STOP([STOP])     2 -- NO --&gt; 3[3]     3 --&gt; 4[4]     4 --&gt; STOP           </pre>	1	Key the command <b><i>ring_signal -p -d</i></b> to check if the desired entry already exists or is free.	
	2	Is it already set?	
	3	Key the command <b><i>ring_signal -i -d</i></b> to initiate data.	
	4	Key the command <b><i>ring_signal -p -d</i></b> to verify the initiation.	

### 4.2 REMOVE RING SIGNAL DATA

#### 4.2.1 PREREQUISITES

The directory number is assigned to a valid extension type.

4.2.2 EXECUTION

Flow		Measure/ Question	Observation/ Comment
<pre>graph TD; START([START]) --&gt; 1[1]; 1 --&gt; 2{2}; 2 -- YES --&gt; 4[4]; 2 -- NO --&gt; 3[3]; 3 --&gt; 4; 4 --&gt; STOP([STOP])</pre>	1	Key the command <i>ring_signal -p -d</i> to check if the entry exists.	
	2	Does it exist?	
	3	Key the command <i>ring_signal -e -d</i> to remove the data.	
	4	Key the command <i>ring_signal -p -d</i> to verify the removal.	

## 4.3 PRINT RING SIGNAL DATA

### 4.3.1 PREREQUISITES

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### 4.3.2 EXECUTION

Key the command **ring\_signal -p -d** to print the ring signal data of a directory number.



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## TERMINATION

Inform the department or person responsible for telephony matters if any alteration is made.

If any exchange data have been changed, a dump to backup media must be performed, see the operational directions for ADMINISTRATOR USER'S GUIDE.