

## 13. PAGING REDIAL

### 13.1. Function

This function permits redialing the last-paged zone by simple key operations.

### 13.2. Paging Redialing Operation

**Step 1.** Dial [\*][8][#] at the master station or telephone.

**Step 2.** A paging pre-announcement tone is transmitted to the last-paged zones, including All-zone Paging. Make an announcement with the handset either lifted or unlifted.\*<sup>1</sup>

**Step 3.** To terminate the page, either replace the handset or press the [C] key.\*<sup>2</sup>

\*<sup>1</sup> If using a telephone, lift the handset to place a paging call.

\*<sup>2</sup> If using a telephone, replace the handset to terminate the paging call.

**Note:** The Paging Redialing function cannot be used for Emergency Paging.

## TELEPHONE-RELATED FUNCTIONS

Outside telephone lines can be connected to the AI-900 system, permitting the system's master stations to make or receive outside line telephone calls.

## 14. OUTGOING TELEPHONE CALLS

### [System pre-programming]

A single-digit outside line access number ([0]-[9]) must first be programmed.

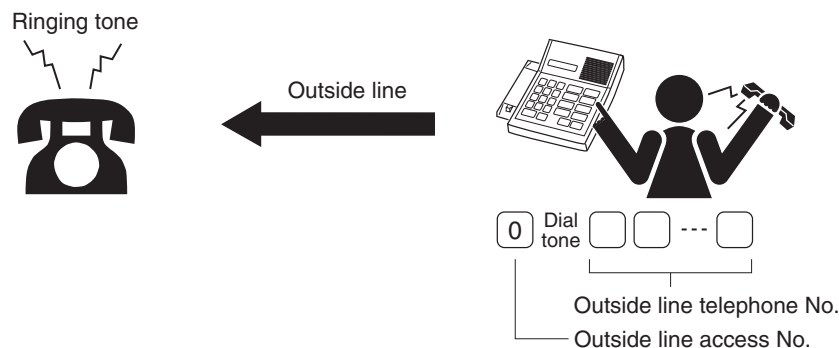
### 14.1. Outside Line Dialing Operation

**Step 1.** Dial the registered outside line access number (example: [0]).  
A dial tone is heard.

**Step 2.** Dial the telephone number.

**Step 3.** Start the conversation when the called party answers.

**Step 4.** Replace the handset or press the [C] key after conversation completion.



## 15. INCOMING OUTSIDE LINE CALLS (DIRECT-IN LINE)

### 15.1. Direct-In Line Function

When an outside telephone call is received, a call tone sounds at the registered representative station\* and up to 3 member stations\*.

#### [System pre-programming]

One representative station\* and up to 3 member stations\* must be registered in the system programming to receive outside line calls.

\* Both the representative and member stations must be master stations or telephones.

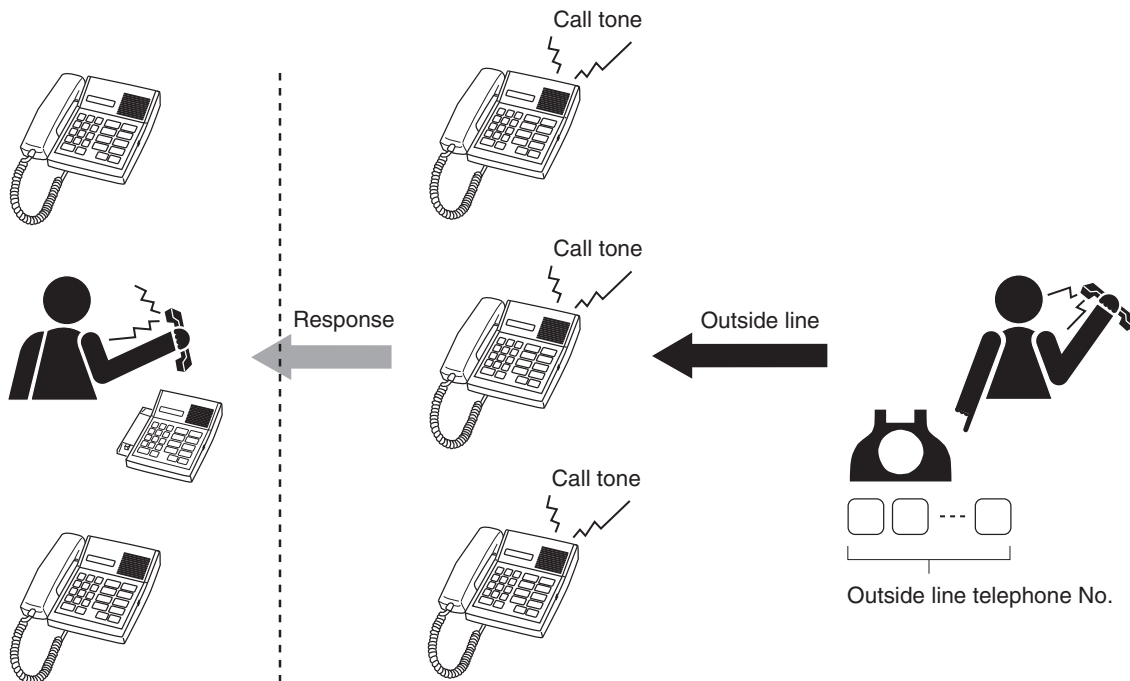
**Note:** Both the representative and member stations must be connected to the same exchange connected to the outside telephone line.

### 15.2. Incoming Outside Line Call Operation

**Step 1.** A call tone sounds at up to 4 stations.

**Step 2.** When one of the stations lifts its handset or presses the [PTT] key\*, the call tones sounding at other stations stop, permitting the conversation to begin.

\* For telephones, lift the handset.



## 16. INCOMING OUTSIDE LINE CALLS (DIRECT-IN DIALING)

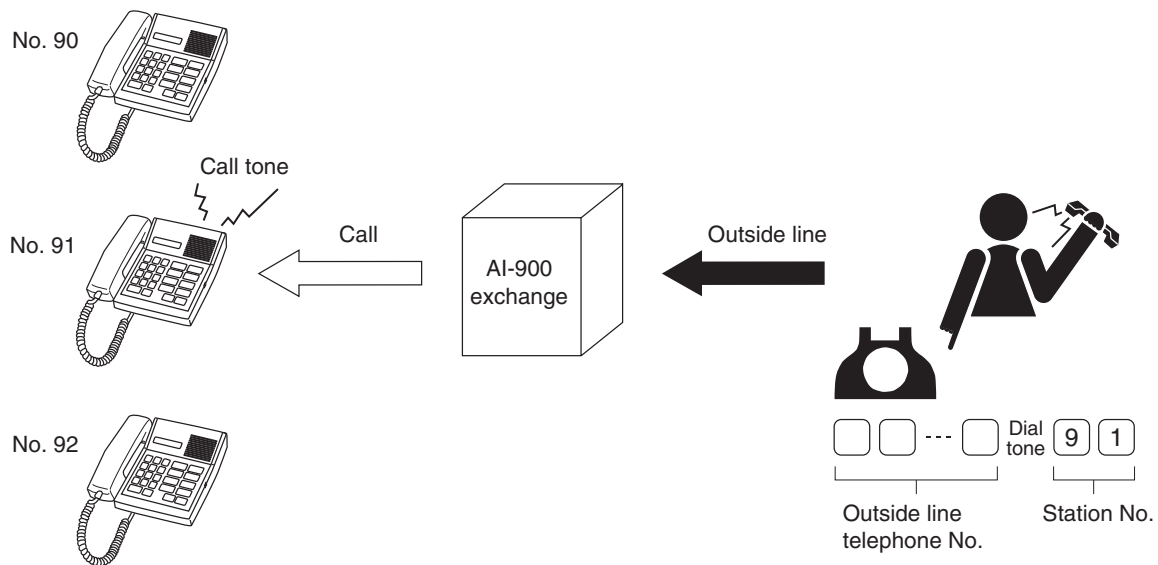
### 16.1. Direct-In Dialing Function

Outside line calling parties can be connected to a desired master station (telephone) or substation by directly dialing the station number.

### 16.2. Incoming Outside Line Call Operation

**Step 1.** When a call is received from the outside line, the AI-900 system's exchange automatically responds by transmitting a dial tone to the calling party.

**Step 2.** After hearing the dial tone, dialing the station number will connect the calling station to the called party.



#### [Operation details]

- (1) If the calling party does not dial a station number within 10 seconds after the confirmation tone is transmitted, the registered Direct-In Line stations are called. (See the figure in section 15.2. on the previous page.)
- (2) If the called station does not answer for 30 seconds or more after the calling party dials the station number, the call is canceled.

**Note:** The Call Forwarding, Busy Call Forwarding or No-Answer Call Forwarding function can be used unless the station to which calls are transferred is a outside line telephone.\*<sup>1</sup> \*<sup>2</sup>

\*<sup>1</sup> Calls can be automatically forwarded if the station called from the outside line is currently in Call Forwarding, Busy Call Forwarding or No-Answer Call Forwarding mode (when the station to which calls are transferred is a master station or telephone).

\*<sup>2</sup> Calls cannot be automatically forwarded when the station called from the outside line is currently in Outside Line Call Forwarding, Outside Line Busy Call Forwarding, or Outside Line No-Answer Call Forwarding mode (when the station to which calls are transferred is a outside line telephone).

## 17. OUTSIDE LINE CONNECTION TIME-OUT

- The duration of connection with the outside line telephone can be limited to automatically terminate conversations.
- When the limited time is reached, a warning signal tone is transmitted to both the calling and called parties to terminate the conversation.

### [System pre-programming]

- (1) Program whether to [Enable] or [Disable] the Connection Time-Out function.
- (2) Set a connection time limit of 1 – 99 minutes in 1 minute unit.

## 18. OUTSIDE LINE CONVERSATION RECORDING

- Connecting an external recording device permits recording of outside line telephone conversations.
- The external control output is made when the outside line telephone is connected, and is broken when the telephone is disconnected. (For equipment connections and operations, refer to the "AI-900 INSTALLATION MANUAL.")

## 19. OUTSIDE LINE CALL FORWARDING

### 19.1. Function

All calls can be automatically rerouted to the designated receiving telephone by registering the outside line access number at the original master station or telephone. (See the figure in section 19.3. on the next page.)

### [System pre-programming]

- (1) To use this function, the Call Forwarding function must be enabled in system programming.
- (2) The receiving telephone number can individually be registered for each master station (or telephone) in the system programming.

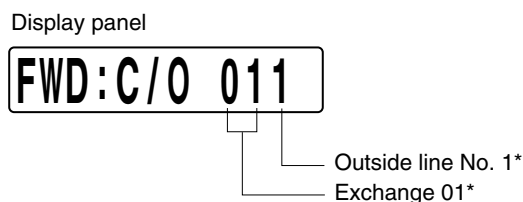
### 19.2. Registration and Cancellation

Use the original station to register or cancel this function.

#### 19.2.1. Registration

First dial [\*][6][0], and then the outside line access number (example: [0]) followed by [#].

Registration completion is indicated by a confirmation tone, and the exchange number and the line number of the outside line are displayed. The station then returns to standby mode.



\* The name of the exchange/outside line number may be displayed.



### 19.2.2. Cancellation

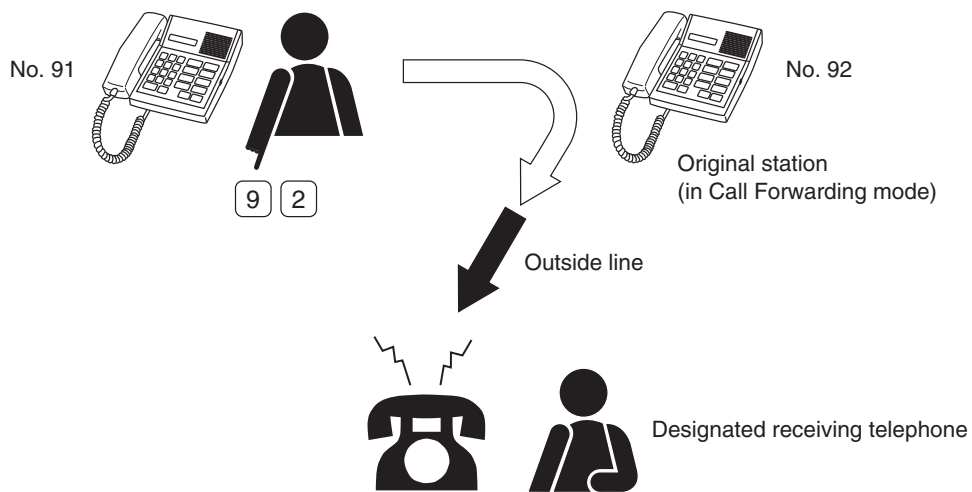
First dial [\*][6][0], and then the original station number (example: [9][2]) followed by [#].

Cancellation completion is indicated by a confirmation tone. The station then returns to standby mode and the current time is shown on the display panel.

11:59am

### 19.3. Outside Line Call Forwarding Operation

Calls to the original station are automatically rerouted to the registered outside line telephone without sounding a call tone at the original station. (When the original station is a telephone, a brief call tone is sounded, then the call is automatically transferred.)



#### [Exceptions]

All outside line telephones can directly call the original station without interference from the call forwarding function.

## 20. TIME-BASED OUTSIDE LINE CALL FORWARDING

### 20.1. Function

All incoming calls to the original master station or telephone can be automatically rerouted to the designated outside line telephone during a specific period of the day. (See the figure in section 20.3. on the next page.)

#### [System pre-programming]

- (1) To use this function, the Call Forwarding function must be enabled in system programming.
- (2) Register the receiving outside line telephone number individually for each master station (or telephone) in the system programming.
- (3) The forwarding interval (start and end times) can be registered in the system programming. (Registration can only be performed for an entire exchange. Different times cannot be set for different stations on the same exchange.)

### 20.2. Registration and Cancellation

Use the original station to register or cancel this function.

#### 20.2.1. Registration

First dial [\*][6][3], and then an outside line access number (example: [0]) followed by [#].  
Registration completion is indicated by a confirmation tone.

#### [If the current time is in the forwarding interval]

The exchange number and the line number of the outside line are displayed on the original station's display panel to indicate that the original station is in Time-Based Call Forwarding active mode.

Display panel

**FWD:C/O 011**

Outside line No. 1\*  
Exchange 01\*

\* The name of the exchange/outside line number may be displayed.

**FWD:Annex1**

#### [If the current time is not in the forwarding interval]

The current time is displayed and the station returns to standby mode.

**11:59am**

#### 20.2.2. Cancellation

First dial [\*][6][3], and then the original station number (example: [9][2]) followed by [#].

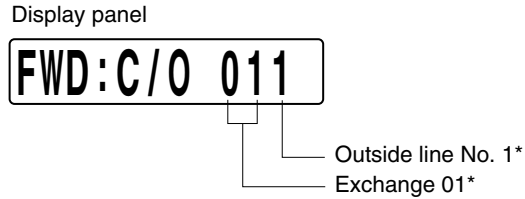
Cancellation completion is indicated by a confirmation tone. The station then returns to standby mode and the current time is shown on the display panel.

**11:59am**

## 20.3. Time-Based Outside Line Call Forwarding Operation

[When the Time-Based Call Forwarding registration is set]

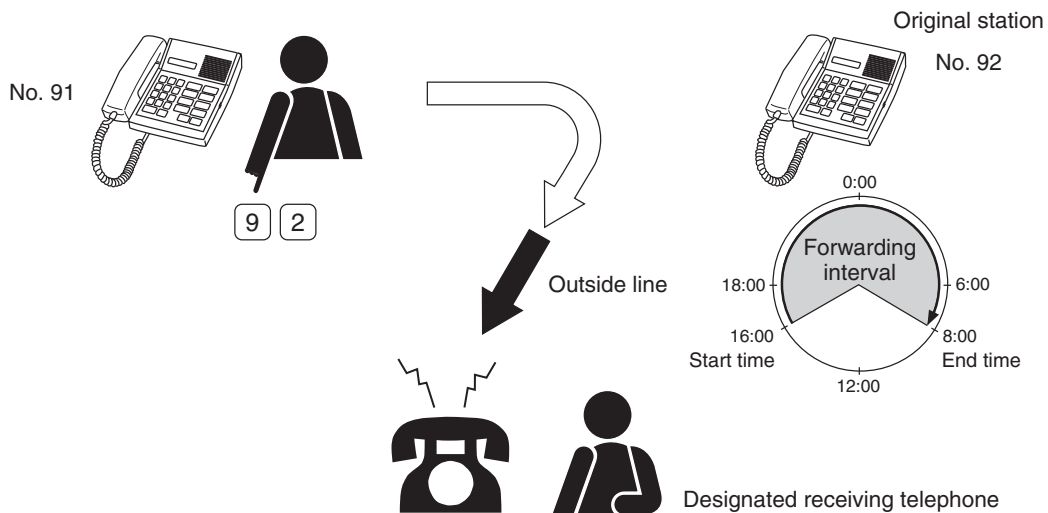
**Step 1.** When the preset forwarding start time arrives, the following indication is displayed on the station display panel, indicating that the station is in Time-Based Outside Line Call Forwarding active mode.



\* The name of the exchange/outside line number may be displayed.

FWD:Annex1

**Step 2.** Calls to the original station (forwarding station) are automatically rerouted to the designated outside line telephones without sounding a call tone at the original station. (If the original station is a telephone, the call is automatically forwarded after sounding a brief call tone.)



### [Exception]

All outside line telephones can directly call the original station without interference from the call forwarding function.

## 21. OUTSIDE LINE NO-ANSWER CALL FORWARDING

### 21.1. Function

Calls to the original station (forwarding station) are automatically rerouted to the designated receiving telephone if the called party does not respond within a preset period of time. (See the figure in section 21.3. on the next page.)

#### [System pre-programming]

- (1) To use this function, the Outside Line No-Answer Call Forwarding function must be enabled in system programming.
- (2) Register a variable "no-response" time of 1 – 99 seconds (in 1 second units) in the system programming. (Registration can only be performed for an entire exchange. Different times cannot be set for different stations on the same exchange.)
- (3) The receiving telephone number can individually be registered for each master station (or telephone) in the system programming.

### 21.2. Registration and Cancellation

Use the original station to register or cancel this function.

#### 21.2.1. Registration

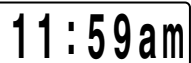
First dial [\*][6][4], and then the outside line access number (example: [0]) followed by [#].

Registration completion is indicated by a confirmation tone. The current time is then displayed, and the station is placed in standby mode.

#### 21.2.2. Cancellation

First dial [\*][6][4], and then the original station number (example: [9][2]) followed by [#].

Cancellation completion is indicated by a confirmation tone. The current time is then displayed and the station is placed in standby mode.



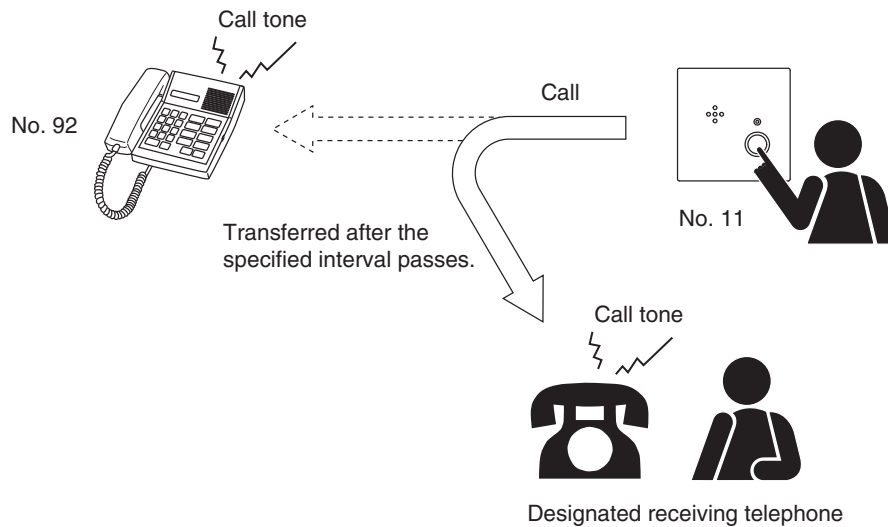
11:59am



### 21.3. Outside Line No-Answer Call Forwarding Operation

**[When the Outside Line No-Answer Call Forwarding registration is set]**

- The station display panel displays the current time.
- Calls to the original station (forwarding station) are automatically rerouted to the receiving telephone if no response is made within the specified period of time.



**[Exceptions]**

- (1) The outside line telephone can directly call the original station without interference from this call forwarding function.
- (2) Calls are not transferred when the designated outside line telephone is busy.
- (3) The Outside Line No-Answer Call Forwarding function does not interfere with a substation call to a designated Group Call representative station that is registered for Outside Line No-Answer Call Forwarding. (The group call designation is given priority.)

## 22. OUTSIDE LINE BUSY CALL FORWARDING

### 22.1. Function

Calls to a busy station are automatically forwarded to a designated telephone.

#### [System pre-programming]

- (1) To use this function, the Busy Call Forwarding function must be enabled in system programming.
- (2) The receiving telephone number can individually be registered for each master station (or telephone) in the system programming.

### 22.2. Registration and Cancellation

Use the original station to register or cancel this function.

#### 22.2.1. Registration

First dial [\*][6][5], and then the outside line access number (example: [0]) followed by [#].

Registration completion is indicated by a confirmation tone and the station is placed in standby mode.

11:59am

#### 22.2.2. Cancellation

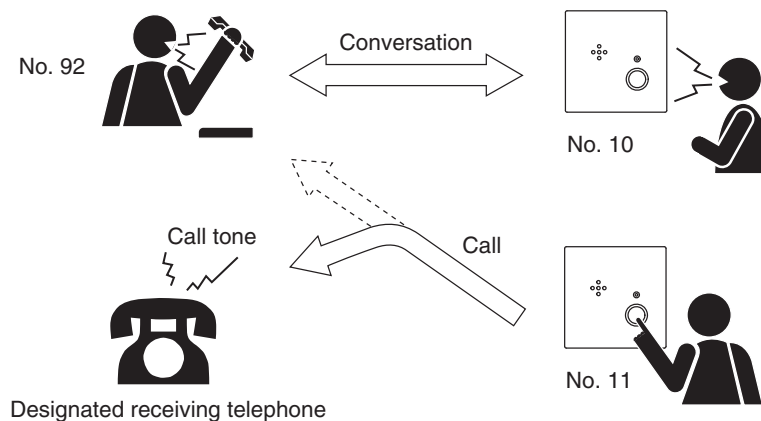
First dial [\*][6][5], and then the original station number (example: [9][3]) followed by [#].

Cancellation completion is indicated by a confirmation tone. The current time is then displayed and the station returns to standby mode.

11:59am

### 22.3. Outside Line Busy Call Forwarding Operation

Calls to a busy station (example: 92) are automatically forwarded to another designated telephone.



#### [[Exceptions]

- (1) The outside line telephone can directly call the original station without interference from this call forwarding function.
- (2) Calls are not transferred when a designated outside line telephone is also busy.  
When either of the original station (example: 92) or the designated telephone becomes free, the calls are connected to the line.
- (3) The Outside Line Busy Call Forwarding function does not interfere with a substation call to a Group Call representative station that is registered for Outside Line Busy Call Forwarding. (The group call designation is given priority.)