# MEDLEY™

MEDICATION SAFETY SYSTEM
INFUSION PUMP MODULE - MODEL 8100
Delay Options and Multidose Mode Features
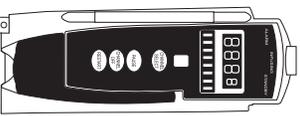
DIRECTIONS FOR USE

INFUSION PUMP MODULE
MODEL 8100 - SUPPLEMENT

TABLE OF CONTENTS

THIS PAGE
INTENTIONALLY
LEFT BLANK

About This Directions for Use

This Supplemental Directions for Use contains supporting information for use of the Delay Options and Multidose Mode features in the MEDLEY™ Pump Module. This Supplemental Directions for Use is intended to be used in conjunction with the Pump Module and Programming Module Directions for Use. Please read and understand all instructions prior to using the MEDLEY™ System.

Warnings and Cautions

For a complete listing of Warnings and Cautions for the MEDLEY™ Medication Safety System, refer to the Pump Module and Programming Module Directions for Use.

Feature Descriptions

Delay Options   When enabled, Delay Options permits a clinician to program the delay of an infusion for up to 120 minutes, or for a specific start time up to 23 hours 59 minutes into the future. A **Callback** for a programmed delay can be scheduled to give an alert **Before** an infusion is to be initiated, **After** an infusion is completed, **Before and After** an infusion, or no (**None**) alert.

Multidose Mode   When enabled, the Multidose Mode allows 2 - 24 doses to be programmed at equally spaced intervals on the same Pump Module over a 24 hour period. The Multidose Mode is designed to allow delivery of multiple, equal doses from the same IV container at regularly scheduled intervals.

THIS PAGE
INTENTIONALLY
LEFT BLANK

Setting Delay Options

Delay Options can be enabled at the time the MEDLEY™ System is configured for use. If Delay Options is <u>not</u> enabled, the PAUSE function (described in "Pausing an Infusion" in the Pump Module Directions for Use) will still be available. If Delay Options is enabled, the following options are available.

> *NOTE: Since by definition, an infusion with Delay Options will not be infusing for a programmed period of time, it is assumed that another infusing IV line will keep the vein open until the delayed infusion begins.*

Pausing an Infusion

1. Press **DELAY OPTIONS** soft key.

    ```
    ┌─────────────────────────┐
    │ [A] Infusion Setup      │
    │ ┌──────┐                │
    │ │ RATE │  40 mL/h       │
    │ └──────┘                │
    │ ┌──────┐                │
    │ │ VTBI │  250 mL        │
    │ └──────┘                │
    │                         │
    │                         │
    │ >Press START            │
    │ ┌───────┐ ┌──────┐┌─────┐│
    │ │ DELAY │ │SECOND││START││
    │ │OPTIONS│ │ ARY  ││     ││
    │ └───────┘ └──────┘└─────┘│
    └─────────────────────────┘
    ```
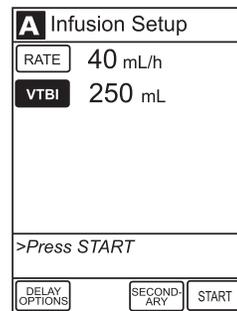
2. Press **Pause** soft key.

    > *NOTES:*
    >
    > • *Using the **Pause** function in the Delay Options screen is the same as pressing the **PAUSE** key on the Pump Module.*
    >
    > • *The time displayed in the upper right corner of the screen is the time of day in a 24-hour clock format (military time).*

    ```
    ┌─────────────────────────┐
    │ [A] Delay Options 08:00 │
    │ Pause                   │
    │ Delay For               │
    │ Delay Until             │
    │ ┌──────┐                │
    │ │ CALL │                │
    │ │ BACK │                │
    │ └──────┘                │
    │ >Select a Delay Option  │
    │      ┌──────┐ ┌────────┐│
    │      │ BACK │ │CONFIRM ││
    │      └──────┘ └────────┘│
    └─────────────────────────┘
    ```
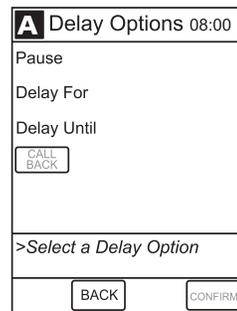
3. Press **CONFIRM** soft key.

    • PAUSE scrolls in Channel Message Display.

    • PAUSED appears next to appropriate channel in Main Display.

    • Yellow Standby Status Indicator illuminates.

    • After two minutes, **PAUSE** - **RESTART CHANNEL** visual and audio prompts begin. Yellow Standby Status Indicator flashes.

    ```
    ┌─────────────────────────┐
    │ [A] Delay Options 08:00 │
    │ ████Pause███████████████│
    │ Delay For               │
    │ Delay Until             │
    │ ┌──────┐                │
    │ │ CALL │                │
    │ │ BACK │                │
    │ └──────┘                │
    │ >Press CONFIRM          │
    │      ┌──────┐ ┌────────┐│
    │      │ BACK │ │CONFIRM ││
    │      └──────┘ └────────┘│
    └─────────────────────────┘
    ```
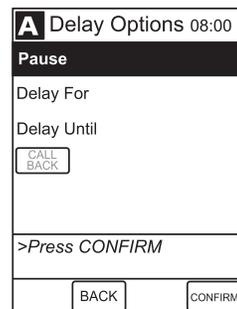
Pausing an Infusion (Continued)

4. To reinitiate infusion:

    • Press **RESTART** key on Pump Module.

       OR

    • Press **CHANNEL SELECT** key on Pump Module and **START** soft key.

Delaying an Infusion (Specified by Minutes)

The **Delay For** option is used to program an infusion delay for a minimum of one minute and up to 120 minutes. An infusion delay can be programmed prior to or after an infusion is initiated.

1. Press **DELAY OPTIONS** soft key.

```
┌──────────────────────────┐
│ [A] Infusion Setup       │
│ [RATE]  40 mL/h          │
│ [VTBI]  250 mL           │
│                          │
│                          │
│ >Press START             │
│ ┌──────┐  ┌──────┐ ┌─────┐│
│ │DELAY │  │SECOND│ │START││
│ │OPTIONS│ │-ARY  │ └─────┘│
│ └──────┘  └──────┘       │
└──────────────────────────┘
```
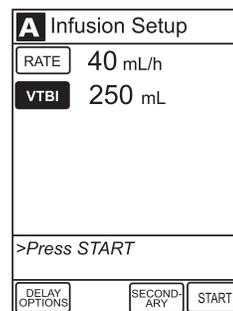
2. Press **Delay For** soft key.
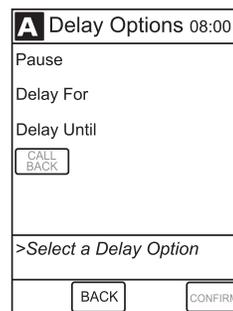
```
┌──────────────────────────┐
│ [A] Delay Options 08:00  │
│ Pause                    │
│ Delay For                │
│ Delay Until              │
│ ┌──────┐                 │
│ │CALL  │                 │
│ │BACK  │                 │
│ └──────┘                 │
│ >Select a Delay Option   │
│     ┌──────┐    ┌───────┐│
│     │ BACK │    │CONFIRM││
│     └──────┘    └───────┘│
└──────────────────────────┘
```
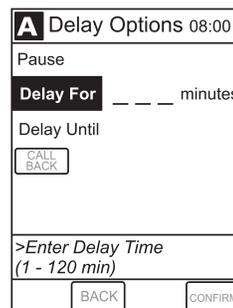
```
┌──────────────────────────┐
│ [A] Delay Options 08:00  │
│ Pause                    │
│ █Delay For█  _ _ _ minutes│
│ Delay Until              │
│ ┌──────┐                 │
│ │CALL  │                 │
│ │BACK  │                 │
│ └──────┘                 │
│ >Enter Delay Time        │
│ (1 - 120 min)            │
│     ┌──────┐    ┌───────┐│
│     │ BACK │    │CONFIRM││
│     └──────┘    └───────┘│
└──────────────────────────┘
```

Delaying an Infusion (Specified by Minutes) (Continued)

3. Use numeric keypad entry keys to enter number of minutes (up to 120) infusion is to be delayed for.

```
A Delay Options 08:00
Pause
Delay For      _20 minutes
Delay Until
CALL
BACK    None


>Select Callback or Press
CONFIRM
        BACK          CONFIRM
```

4. Press **CONFIRM** soft key. Delay period counts down on Main Display.

```
Midtown Hospital
Adult ICU
A  Start in 20 min
B  VTBI = 497.0 mL
C  VTBI =  57.0 mL
D  VTBI = 249.0 mL


VOLUME          AUDIO
INFUSED         ADJUST
```

5. If a Callback has not been scheduled, infusion automatically initiates at end of delay period.

6. At completion of infusion, **INFUSION COMPLETE** scrolls in Channel Message display.

```
Midtown Hospital
Adult ICU
A  VTBI = 249.0 mL
B  VTBI = 497.0 mL
C  VTBI =  57.0 mL
D  VTBI = 249.0 mL


VOLUME          AUDIO
INFUSED         ADJUST
```

Delaying an Infusion (Specified by Time of Day)

The **Delay Until** option is used to program an infusion delay for a minimum of one minute and up to 23 hours 59 minutes. An infusion delay can be programmed prior to or after an infusion is initiated.

1. Press **DELAY OPTIONS** soft key.

```
A Infusion Setup
RATE   40 mL/h
VTBI   250 mL



>Press START
DELAY       SECOND-   START
OPTIONS     ARY
```

USING ADDED FEATURES

Delaying an Infusion (Specified by Time of Day) (Continued)

2. Press **Delay Until** soft key.

```
┌─────────────────────────────┐
│ [A] Delay Options    08:00  │
├─────────────────────────────┤
│ Pause                       │
│                             │
│ Delay For                   │
│                             │
│ Delay Until                 │
│ ┌────┐                      │
│ │CALL│                      │
│ │BACK│                      │
│ └────┘                      │
│                             │
│                             │
│ >Select a Delay Option      │
│        ┌──────┐  ┌────────┐ │
│        │ BACK │  │CONFIRM │ │
│        └──────┘  └────────┘ │
└─────────────────────────────┘
```

3. If **Current time** displayed is correct, press **CONFIRM** soft key; otherwise, press **Change Time** and enter correct time. (Reference "Setting Up Time of Day" procedure in MEDLEY™ Programming Module Directions for Use.)

```
┌─────────────────────────────┐
│ [A] Delayed Options         │
├─────────────────────────────┤
│ Time of Day                 │
│         Current time: ┌──────┐│
│            08:00      │Change││
│                       │ Time ││
│                       └──────┘│
│                             │
│                             │
│                             │
│                  ┌────────┐ │
│                  │CONFIRM │ │
│                  └────────┘ │
└─────────────────────────────┘
```

4. Use numeric keypad entry keys to enter time of day infusion is to be initiated (up to 23 hours 59 minutes).

5. Press **CONFIRM** soft key.

```
┌─────────────────────────────┐
│ [A] Delay Options    08:00  │
├─────────────────────────────┤
│ Pause                       │
│                             │
│ Delay For                   │
│                             │
│ Delay Until _ 9:00          │
│ ┌────┐                      │
│ │CALL│  None                │
│ │BACK│                      │
│ └────┘                      │
│ >Select Callback or Press   │
│ CONFIRM                     │
│        ┌──────┐  ┌────────┐ │
│        │ BACK │  │CONFIRM │ │
│        └──────┘  └────────┘ │
└─────────────────────────────┘
```

6. Time that infusion initiates appears next to appropriate channel in Main Display. If a Callback has not been scheduled, infusion automatically initiates at end of delay period.

```
┌─────────────────────────────┐
│ Midtown Hospital     08:00  │
│ Adult ICU                   │
├─────────────────────────────┤
│ [A]  Start at 09:00         │
│                             │
│ [B]  VTBI = 497.0 mL        │
│                             │
│ [C]  VTBI =  57.0 mL        │
│                             │
│ [D]  VTBI = 249.0 mL        │
│                             │
│                             │
│ ┌──────┐        ┌──────┐    │
│ │VOLUME│        │AUDIO │    │
│ │INFUSED        │ADJUST│    │
│ └──────┘        └──────┘    │
└─────────────────────────────┘
```

Scheduling a Callback

When programming a **Delay For** or **Delay Until** infusion, a Callback can be scheduled for that infusion. There are three types of Callback:

- **Before** - gives an alert when delay is completed and infusion needs to be initiated.
- **After** - gives an alert when delayed infusion has completed.
- **Before** and **After** - gives an alert when delay is completed and infusion needs to be initiated <u>and</u> when delayed infusion has completed.

The default Callback (**None**) will appear on the Main Display. To schedule a different Callback:

1. During the **Delay For** or **Delay Until** programming process, press **CALL BACK** soft key <u>prior to</u> pressing **CONFIRM** soft key and initiating delay.

A	Delay Options 08:00
Pause	
Delay For	_20 minutes
Delay Until	
CALL BACK	None
>Select Callback or Press CONFIRM	
BACK	CONFIRM

2. Press soft key corresponding to desired Callback option.

A	Delay Options 08:00	
Pause		
Delay For	20 m	Before
		Before & After
Delay Until		
CALL BACK	> > > > >	After
		None
>Select a Callback Option		
BACK		CONFIRM

3. Press **CONFIRM** soft key to initiate delay. Scheduled Callback appears on Main Display.

A	Delay Options 08:00
Pause	
DelayFor	_20 minutes
Delay Until	
CALL BACK	Before
>Select Callback or Press CONFIRM	
BACK	CONFIRM

NOTES:

- *Since, by definition, a multidose infusion will not be infusing for a programmed period of time, it is assumed that another infusing IV line will keep the vein open until the beginning of the first dose and between subsequent doses. There is no keep vein open (KVO) infusion at the completion of a programmed **Delay Until** infusion.*

- *The Delay Options function for multidose infusions is similar to Delay Options for continuous drug infusions, with the following differences:*
  - *– **Delay For** option is not available in Multidose Mode.*
  - *– Maximum allowable delay on a multidose infusion is 8 hours.*

WARNING

The Multidose feature is to be used only by personnel properly trained in using multidose infusions.

- Caution labels, which clearly differentiate single dose and multidose containers, must be utilized.

- Single dose piggybacking systems employing check valve sets are not designed for use with multidose containers.

Multidose Infusion with Volume/Time Enabled

If Volume/Time was enabled at the time the MEDLEY™ System was configured for use, use the following procedure to program a multidose infusion.

1. Prime and load primary administration set (refer to "Loading Primary Administration Set").

2. Press **CHANNEL SELECT** key on Pump Module.

3. Press **OPTIONS** key on Programming Module.

4. Press **Multidose** soft key.

```
┌─────────────────────────┐
│ A  Channel Options 1 of 1│
├─────────────────────────┤
│ Drug Calculation Setup   │
│                         │
│ Multidose               │
│                         │
│ Pressure Limit - P      │
│                         │
│ Channel Labels          │
│                         │
│                         │
│ >Select an Option or    │
│ EXIT                    │
│         ┌──────┐        │
│         │ EXIT │        │
│         └──────┘        │
└─────────────────────────┘
```

5. If **Current time** displayed is correct, press **CONFIRM** soft key; otherwise, press **Change Time** and enter correct time. (Reference "Setting Up Time of Day" procedure in MEDLEY™ Programming Module Directions for Use.)

   > NOTE: *If the current time has been previously confirmed, this screen will not be displayed.*

```
┌─────────────────────────┐
│ A Multidose             │
├─────────────────────────┤
│ Time of Day             │
│     Current time: ┌──────┐│
│       13:00       │Change││
│                   │ Time ││
│                   └──────┘│
│                         │
│                         │
│ >Press CONFIRM          │
│         ┌────────┐       │
│         │CONFIRM │       │
│         └────────┘       │
└─────────────────────────┘
```

Multidose Infusion with Volume/Time Enabled (Continued)

6. Press **VOLUME DURATION** soft key.

```
┌─────────────────────────────┐
│ A Multidose          13:00  │
│ ┌──────┐                    │
│ │ RATE │    _ _ _ _ mL/h    │
│ └──────┘                    │
│ ┌──────┐                    │
│ │VOLUME/│                   │
│ │ DOSE │                    │
│ └──────┘                    │
│                             │
│ ┌──────┐                    │
│ │ DOSE │                    │
│ │INTERVAL│                  │
│ └──────┘                    │
│ ┌──────┐                    │
│ │ # OF │                    │
│ │DOSES │                    │
│ └──────┘                    │
│ >Enter Rate                 │
│            ┌────────┐       │
│            │ VOLUME │       │
│            │DURATION│       │
│            └────────┘       │
└─────────────────────────────┘
```

7. Use numeric data entry keys to enter volume to be infused
    for each dose.

```
┌─────────────────────────────┐
│ A Multidose          13:00  │
│ RATE =      _ _ _ mL/h      │
│ ┌──────┐                    │
│ │VOLUME/│   _ _ _ _ mL      │
│ │ DOSE │                    │
│ └──────┘                    │
│ ┌──────────┐                │
│ │ DURATION │                │
│ └──────────┘                │
│ ┌──────┐                    │
│ │ DOSE │                    │
│ │INTERVAL│                  │
│ └──────┘                    │
│ ┌──────┐                    │
│ │ # OF │                    │
│ │DOSES │                    │
│ └──────┘                    │
│ >Enter Volume/Dose          │
│            ┌────────┐       │
│            │ RATE   │       │
│            │VOLUME  │       │
│            └────────┘       │
└─────────────────────────────┘
```

8. Press **DURATION** soft key and use numeric data entry keys to
    enter desired duration for each dose.

    | **NOTE**: **RATE** is recalculated with **DURATION** input.

```
┌─────────────────────────────┐
│ A Multidose          13:00  │
│ RATE =      _ _ _ mL/h      │
│ ┌──────┐                    │
│ │VOLUME/│  50 mL            │
│ │ DOSE │                    │
│ └──────┘                    │
│ ┌──────────┐                │
│ │ DURATION │ _ _ h _ _ min  │
│ └──────────┘                │
│ ┌──────┐                    │
│ │ DOSE │                    │
│ │INTERVAL│                  │
│ └──────┘                    │
│ ┌──────┐                    │
│ │ # OF │                    │
│ │DOSES │                    │
│ └──────┘                    │
│ >Enter Duration             │
│            ┌────────┐       │
│            │ RATE   │       │
│            │VOLUME  │       │
│            └────────┘       │
└─────────────────────────────┘
```

9. Press **DOSE INTERVAL** soft key and use numeric data entry
    keys to enter desired time interval (1 to 24 hours) between
    doses.

```
┌─────────────────────────────┐
│ A Multidose          13:00  │
│ RATE =     100 mL/h         │
│ ┌──────┐                    │
│ │VOLUME/│  50 mL            │
│ │ DOSE │                    │
│ └──────┘                    │
│ ┌──────────┐                │
│ │ DURATION │ 00 h 30 min    │
│ └──────────┘                │
│ ┌──────┐                    │
│ │ DOSE │    every _ _ h     │
│ │INTERVAL│                  │
│ └──────┘                    │
│ ┌──────┐                    │
│ │ # OF │                    │
│ │DOSES │                    │
│ └──────┘                    │
│ >Enter Dose Interval        │
│            ┌────────┐       │
│            │ RATE   │       │
│            │VOLUME  │       │
│            └────────┘       │
└─────────────────────────────┘
```

USING ADDED FEATURES

Multidose Infusion with Volume/Time Enabled (Continued)

10. Press **#OF DOSES** soft key and use numeric data entry keys to enter desired number of doses.

    NOTE: *The* **DELAY OPTIONS** *soft key will appear in this screen if that option has been enabled. Refer to "Setting Delay Options" to program an infusion delay.*

    A Multidose   13:00
    RATE =   100 mL/h
    VOLUME/
    DOSE   50 mL
    DURATION 00 h 30 min
    DOSE
    INTERVAL   every 06 h
    # OF
    DOSES   _4 doses

    >*Press START*

    [DELAY OPTIONS] [RATE VOLUME]   [START]

11. Press **START** to begin multidose infusion. Main Display shows remaining VTBI for that dose.

    Midtown Hospital   13:00
    Adult ICU
    A   VTBI = 50.0 mL

    [VOLUME INFUSED]   [AUDIO ADJUST]

12. During infusion, press **CHANNEL SELECT** key on Pump Module to see detail screen.

    A Multidose   13:00
    Rate = 100 mL/h
    Volume/ = 50 mL
    Dose
    Duration = 00 h 30 min
    every 06 h x 04 doses
    Doses completed = 0
    Volume remaining = 50 mL
    >*Press START*

    [DELAY OPTIONS]   [START]

13. When infusion is complete, display indicates number of doses completed and when next dose starts.

    A Multidose   13:30
    Rate = 100 mL/h
    Volume/ = 50 mL
    Dose
    every 06 h x 04 doses
    Doses completed = 1
    Dose 2 Starts 19:00

    >*Press START*

   [DELAY OPTIONS] [SETUP]   [START]

Multidose Infusion with Volume/Time Disabled

If Volume/Time was <u>not</u> enabled at the time the MEDLEY™ System was configured for use, use the following procedure to program a multidose infusion.

1. Prime and load primary administration set (refer to "Loading Primary Administration Set").

2. Press **CHANNEL SELECT** key on Pump Module.

3. Press **OPTIONS** key on Programming Module.

4. Press **Multidose** soft key.

> | **A** Channel Options 1 of 1 |
> |---|
> | Drug Calculation Setup |
> | Multidose |
> | Pressure Limit - P |
> | Channel Labels |
> | |
> | >*Select an Option or EXIT* |
> | EXIT |
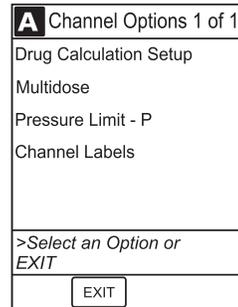
5. Use numeric keypad entry keys to enter desired rate.

> | **A** Multidose   13:00 |
> |---|
> | RATE _ _ _ _ mL/h |
> | VOLUME/DOSE |
> | DOSE INTERVAL |
> | # OF DOSES |
> | >*Enter Rate* |
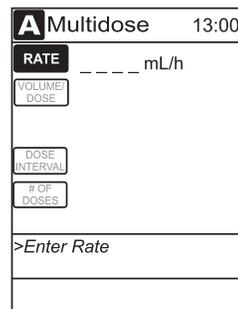
6. Press **VOLUME/DOSE** soft key and use numeric data entry keys to enter volume to be infused for each dose.
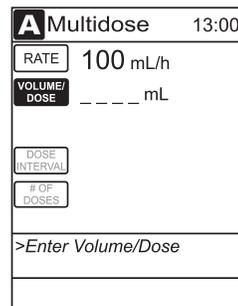
> | **A** Multidose   13:00 |
> |---|
> | RATE 100 mL/h |
> | **VOLUME/DOSE** _ _ _ _ mL |
> | DOSE INTERVAL |
> | # OF DOSES |
> | >*Enter Volume/Dose* |

7. Press **DOSE INTERVAL** soft key and use numeric data entry keys to enter desired time interval (1 to 24 hours) between doses.

> | **A** Multidose   13:00 |
> |---|
> | RATE 100 mL/h |
> | VOLUME/DOSE 50 mL |
> | **DOSE INTERVAL** every _ _ h |
> | # OF DOSES |
> | >*Enter Dose Interval* |

USING ADDED FEATURES
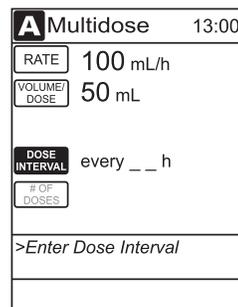
Multidose Infusion with Volume/Time Disabled (Continued)

8. Press **#OF DOSES** soft key and use numeric data entry keys
    to enter desired number of doses.

```
┌─────────────────────────────┐
│ Ⓐ Multidose          13:00  │
│ ┌──────┐                     │
│ │ RATE │  100 mL/h           │
│ └──────┘                     │
│ ┌──────┐                     │
│ │VOLUME/│ 50 mL              │
│ │ DOSE │                     │
│ └──────┘                     │
│ ┌──────┐                     │
│ │ DOSE │  every 06 h         │
│ │INTERVAL│                   │
│ └──────┘                     │
│ ┌──────┐                     │
│ │ # OF │  _4 doses           │
│ │DOSES │                     │
│ └──────┘                     │
│ >Press START                │
│ ┌──────┐          ┌───────┐  │
│ │DELAY │          │ START │  │
│ │OPTIONS│         └───────┘  │
│ └──────┘                     │
└─────────────────────────────┘
```

9. Press **START** to begin multidose infusion. Main Display
    shows remaining **VTBI** for that dose.

```
┌─────────────────────────────┐
│ Midtown Hospital     13:00  │
│ Adult ICU                   │
│ Ⓐ  VTBI = 50.0 mL           │
│                             │
│                             │
│                             │
│ ┌──────┐        ┌───────┐   │
│ │VOLUME│        │ AUDIO │   │
│ │INFUSED│       │ADJUST │   │
│ └──────┘        └───────┘   │
└─────────────────────────────┘
```

10. During infusion, press **CHANNEL SELECT** key on Pump
    Module to see detail screen.

```
┌─────────────────────────────┐
│ Ⓐ Multidose          13:00  │
│ Rate = 100 mL/h             │
│ Volume/ = 50 mL             │
│ Dose                        │
│                             │
│ every 06 h x 04 doses       │
│ Doses completed = 0         │
│ Volume remaining = 50 mL    │
│ >Press START                │
│ ┌──────┐          ┌───────┐ │
│ │DELAY │          │ START │ │
│ │OPTIONS│         └───────┘ │
│ └──────┘                    │
└─────────────────────────────┘
```

11. When infusion is complete, display indicates number of
    doses completed and when next dose starts.

```
┌─────────────────────────────┐
│ Ⓐ Multidose          13:30  │
│ Rate = 100 mL/h             │
│ Volume/ = 50 mL             │
│ Dose                        │
│ every 06 h x 04 doses       │
│ Doses completed = 1         │
│ Dose 2Starts 19:00          │
│                             │
│ >Press START                │
│ ┌──────┐┌──────┐  ┌───────┐ │
│ │DELAY ││SETUP │  │ START │ │
│ │OPTIONS│└──────┘ └───────┘ │
│ └──────┘                    │
└─────────────────────────────┘
```

Advisories

Advisory	Meaning	Response
Delay Complete	Delay time has completed.	Press **RESTART** key on Pump Module <u>or</u> press **CHANNEL SELECT** on Pump Module and **START** soft key.
Infusion Complete	Current infusion has completed.	Press **CONFIRM** soft key.
Start time for next dose has passed.	Start of next dose has passed.	Press **CONFIRM** soft key.

Alarms

Alarm	Meaning	Response
Pump Chamber Occluded	Blocked pump chamber has been detected.	Open door and inspect pump chamber. Massage tubing to open blockage, as required. Press **reset** soft key and **RESTART** key on Pump Module to continue infusion.

THIS PAGE
INTENTIONALLY
LEFT BLANK

Specifications

For a complete listing of the specifications for the MEDLEY™ Medication Safety System, refer to the Pump Module and Programming Module Directions for Use.

Configurable Settings

NOTE: With the Profiles™ Feature enabled, the settings are configured independently for each Profile. A hospital-defined, best practice Guardrails™ Data–set must be uploaded to enable the Profiles™ Feature.

System Settings

Feature	Default Setting	Options
Delay Options	Disabled	Enabled - Disabled
Callback Delay Options	None	None, Before, After, Before and After
Multidose Mode	Disabled	Enabled - Disabled
Callback Multidose	None	None, Before, After, Before and After

THIS PAGE
INTENTIONALLY
LEFT BLANK

ALARIS®
MEDICAL SYSTEMS

ALARIS Medical Systems, Inc.
10221 Wateridge Circle
San Diego, California 92121 U.S.A.
(800) 854-7128 (ext. 7182)

Mail:
P.O. Box 85335
San Diego, California 92186-5335 U.S.A.

Guardrails™, MEDLEY™ and Profiles™ are trademarks of ALARIS Medical Systems, Inc.