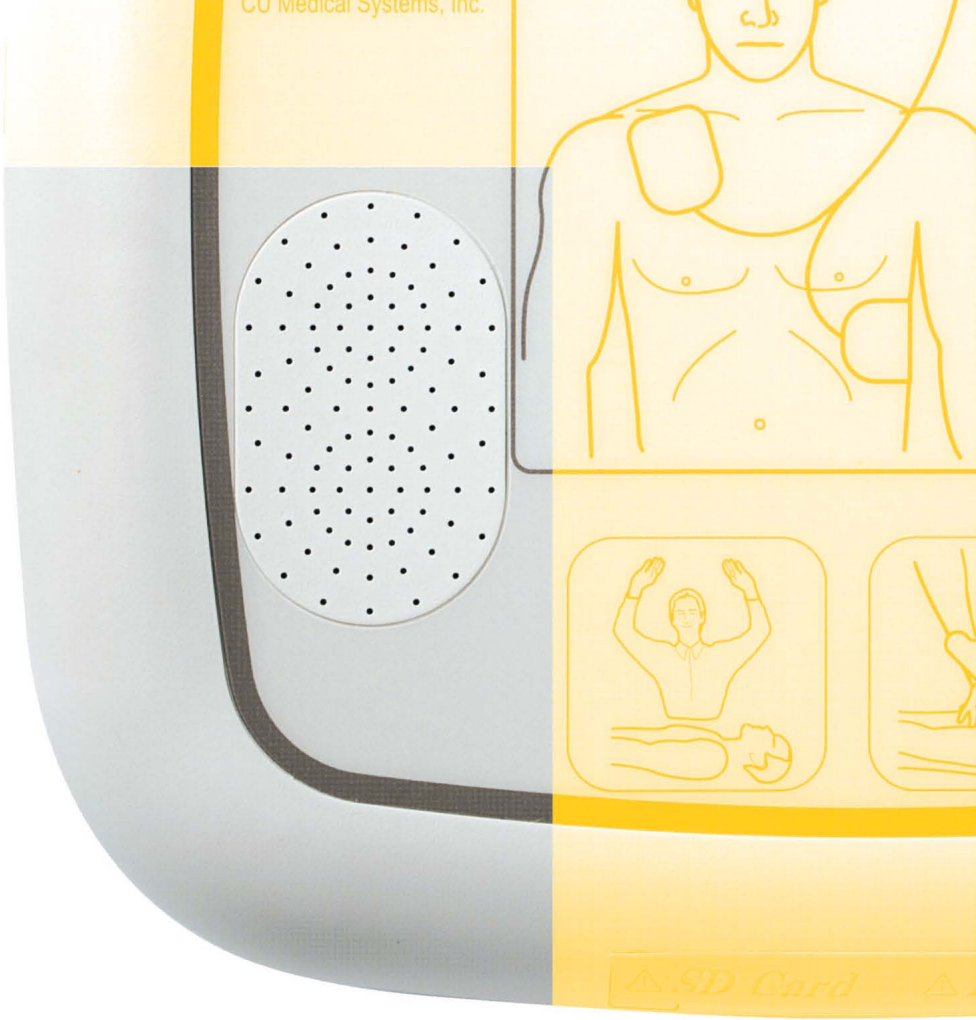
INTELLIGENT PUBLIC ACCESS DEFIBRILLATOR

iPAD CU-SP1

Advanced Performance **iPAD CU-SP1**



AUTO VOLUME ADJUST

Public places can often be noisy. Crowded stations, airports with constant announcements and streets filled with cars and people often make it difficult to hear what's going on around you.

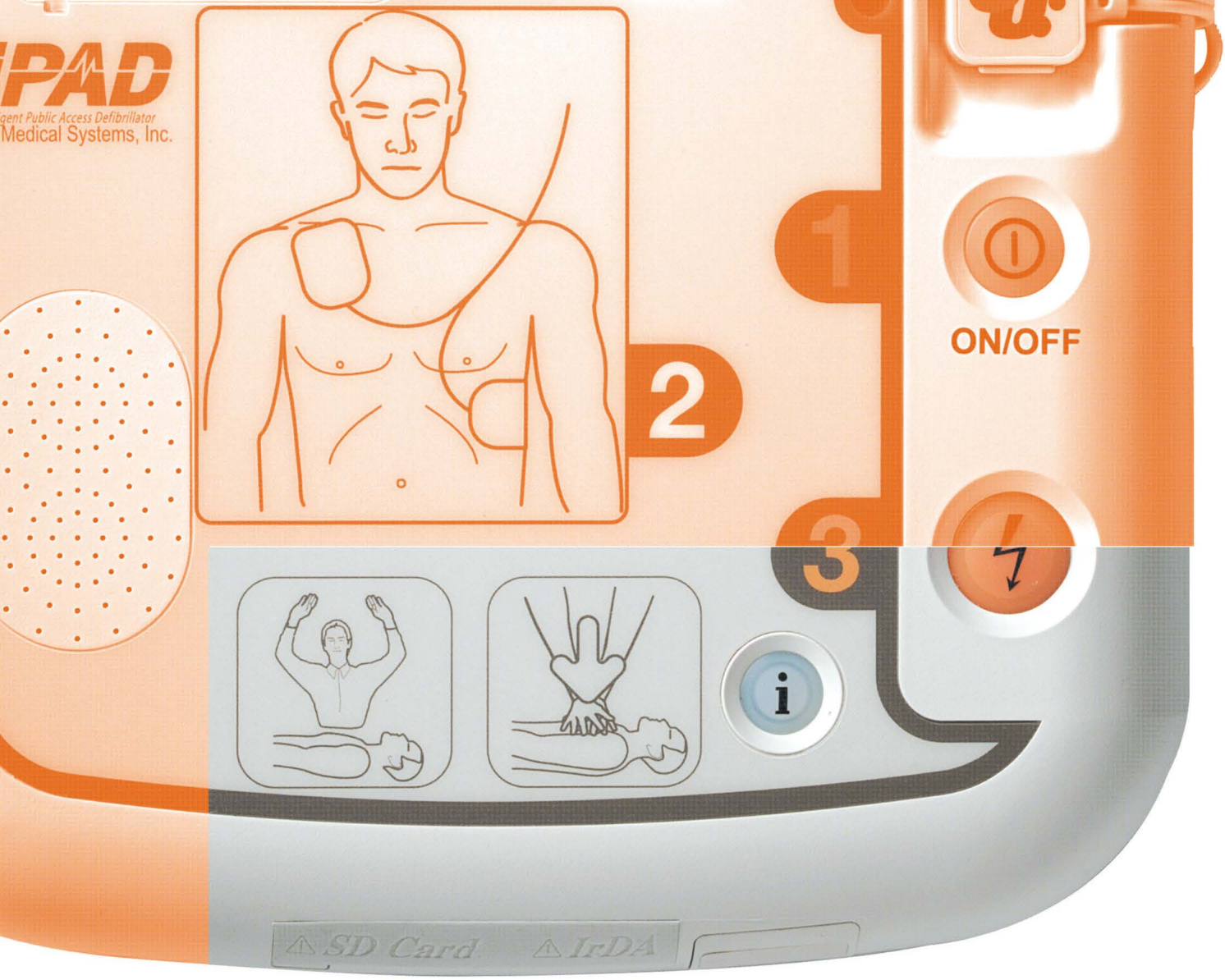
Trying to use an AED in noisy places can be difficult if the first responder can't clearly hear the voice prompts and instructions from the AED.

The iPAD CU-SP1 listens to the ambient noise, and automatically adjusts the volume of its prompts to make them clear andeasily heard over the background noise. When the correct volume has been reached the iPAD CU-SP1 keeps the prompts at this level.

SMART PADS - SMART STORAGE!

The pre-connected ‘Smart’electrode pads are stored in a clear storage compartment on the underside of the unit. This ensures that the iPAD SP1 is always ready to be used in the shortest amount of time possible.

The unique technology built in to the iPAD CU-SP1 and the ‘Smart’electrode pads allows the unit to detect, when connected, if a set of pads has already been used. If they have, the user is advised of this. In addition, the visual indicator on the front of the iPAD CU-SP1 indicates if the connected pads are within their life expectancy. The indicator will change when the pads have only 3 months life left before their expiry date-giving you plenty of time to arrange for replacements. The indicator will change again when the expiry date is reached. Checking the life of your pads is as quick and simple as looking at the LCD display.



CPR DETECTION

CPR is vital to ensure that the casualty has the best chances of survival. The iPAD CU-SP1 detects if CPR is being performed when appropriate prompts and encourages the first responder. If CPR is not being performed, the iPAD CU-SP1 prompts the first responder to 'perform CPR'. If CPR is already being performed, the iPAD CU-SP1 encourages the first responder by prompting them to 'continue CPR'.guide the users.

EASY COMMUNICATION WITH CU-EX1 SOFTWARE

Getting information from the iPAD CU-SP1 after an event is now easier than ever! Installing CU-EX1 software onto a computer allows you to see and analyse the usage history of the unit. Information such as time of 'power on', the casualty's heart rhythm and shocks delivered are all presented in an easy to understand fashion.

The iPAD CU-SP1 can store up to 5 events with up to 3 hours of ECG analysis on an SD memory card. The data can be transferred by either simply removing the SD card, or by using the inbuilt infra-red (IrDA) port. Having the data on an SD Memory card allows the card to be removed for analysis whilst another card is inserted, making the unit ready to use again whilst retaining the original information.

The iPAD CU-SP1 - Advanced Features - Advanced Performance

CU-SP1 SPECIFICATION

1. Defibrillator

Model CU-SP1
Standard Packgage Defibrillator, Pads, Battery, Manual
Output Energy Adult-150Joules /
Pediatric-50Joules (Common usage)
Charging time
1) Charging time : Less than 8 seconds
2) Charging time after CPR finished : At least 8 seconds

2. User Interface

User support Detailed voice prompts and flashing indicators
CPR guidance Voice prompts for how to perform CPR for adult and child patient
Controls On/Off button, I button, Shock button
Indicator LCD display
(Device status, Battery status, Pads status)
Sensing Pads expiring date, Pads connection status
CPR Monitoring
Automatic Volume adjusting

3. Enviornment

Sealing Waterjet proof IPX5 per IEC60529 (IP55)
Dust protected IP5X per IEC60529
Temperature Operation/standby (0℃ - 40℃)
Vibration Meets MILSTD 810F

4. Data Recording and Transmission

IrDA port wireless transmission of event data to PC, SD Card
Internal Memory (Nand-flash) ECG, Event
Storage capacity Multi recording 5 events / Max 3 hours
Data review PC Program CU-EX1

5. Patient Analysis System

Patient Analysis Shockable Rhythms - Ventricular Fibrillation, Ventricular Tachycardia
Sensitivity/Specificity Meets AAMI DF80 Guideline

6. Battery

Standard
+ Type : DC 12 Volt 2.8 Ah, Lithium manganese dioxide
+ Capacity : Minimum 100shocks (150J)

High Capacity
+ Type : DC 12Volt 4.2Ah, Lithium manganese dioxide
+ Capacity : Minimum 200shocks (150J)

Lifespan 5 years (High capacity battery)
(With the condition of the temperature of operation/ standby, standby mode after the first initial check)

7. Pads

Common usage for adult and child
Expiring date 30 months (from the date of manufacturing)

CU Medical Systems, Inc.

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