

# i-PAD CU-SP2

(Intelligent AED for professional use)

## Key Features

- Manual Override, R-Sync function
- Graphic LCD status indicator
- Wireless ECG transmission device
- External Bluetooth Printer
- Ambient noise detection(Auto volume adjusting)
- Easy communication with CU-EX1 software

## Specifications

### DEFIBRILLATOR

- Model : IPAD CU-SP2
- Output Energy :  
AED Mode : Adult-150/200J(fixed) or 150-200J, 150-150-200J(Energy Escalating)  
Manual Mode : 2-200J, R-Sync
- Charging Time  
Charging time : Less than 10 seconds  
Charging time after CPR finished : At least 6 seconds

### User Interface

- User Support : Graphic guide, Detailed voice and text prompts
- CPR guidance : Voice prompts for CPR for adult and child patient
- Controls : On/Off button, I button, Shock button, 3 Menu buttons
- Indicator : Graphic LCD display (Device status, user's guide, ECG, heart rate, etc.)
- Sensing : Pads expiring date, Pads connection status, Pads usage detecting
- ECG monitoring
- CPR monitoring
- Automatic Volume adjusting

### Environment

- Sealing :  
Waterjet proof IPX5 per IEC60529(IP55)  
Dust protected IP5X per IEC60529
- Temperature : Operation/Standby(0 ~50°C)
- Vibration : Meets MILSTD 810G

### Data Recoding and Transmission

- Internal Memory : ECG, Event
- IrDA : Wireless transmission, SD card
- Storage Capacity : Multi Recording 3 events(up to 17 hours for each event)
- Bluetooth : Printer or CU-EM1
- Data Review : CU-EX1

### Patient Analysis System

- Patient Analysis : Shockable rhythms (Ventricular Fibrillation, Ventricular Tachycardia)
- Sensitivity/Specificity : Meets AAMI DF80 Guideline

### Battery

- Rechargeable : - Type : 11.1V DC, 1.9Ah Li-ion  
- Capacity : Minimum 60 shocks or 3 hours of operation
- Disposable : - Type : 12V DC, 4.2Ah LiMnO2  
- Capacity : Minimum 130 shocks or 5 hours of operation



- Size : 260 x 256 x 69.5(W x L x H, mm)
- Weight : 2.4kg

## Parts & Accessories

### Standard Package

- Device
- Multifunction Defib. Pads
- Rechargeable Battery Pack
- Battery Charger
- User's Guide

### Option

- Carrying case
- SD card
- Printer
- CU-EM1 (ECG Transmission Device)

DEVICE SETUP	DATA REVIEW	EXIT
Device Mode	Manual Mode	
Manual Override	CHARGE	
Adult / Pediatric Mode	ADULT	
Shock Energy	Escalating(150-150-200J)	
ECG Gain	10 mm/m V	
Device Volume	1	
Graphic Indication	ON	1 / 2

## Manual Mode

When in manual override, the user can set the energy value for defibrillation. Using R-Sync will detect the R-wave of the patient's ECG, and display the R-Sync mark on the LCD Screen with a short beep.



## Wireless ECG transmission device(CU-EM1)

In Monitor Mode, the i-PAD CU-SP2 uses Bluetooth to receive ECG data from the CU-EM1 and displays it on the LCD Screen.



## Printer

The i-PAD CU-SP2 supports connection to an external Bluetooth printer