

# New Generation Digital Audio/Radio iRecorder Platform

*iRecorder Audio Platform Provides “Location Free” and “Time Free” for all kinds of audio sources. Users can easily listen to what they like anytime and anywhere.*

## Microprocessor

- Freescale 32-bit ColdFire
- 140MHz + 8KB cache
- Internal 96KB SRAM + EMAC (Enhanced Math Coprocessor) Ensure 320kbps audio streaming & Recording to USB or SD/MMC simultaneously

## Display

- 128x64 pixels STN

## Memory

- 4M~8M ROM and 16MB SDRAM

## CD I/F

- Connect to Philips CD Servo
- Top-Load / Front-Load / Slot-In

## Storage I/F

- USB OTG port ( Mass Storage or USB speaker or Remote display controller )
- USB Host port ( WiFi dongle )
- SD/MMC

## Audio DAC

- Wolfson 8731 (High Quality)

## Audio Output

- L/R Audio out
- I2S ( Digital AMP)
- S/PDIF ( Fiber output)

## Audio Input

- Aux-in (MP3 Encoding to Storage)
- FM Radio w/RDS (Same as above)
- Bluetooth (Same as above)

## iPod

- Simple and Extended mode
- Music Encoding to USB or SD
- CP IC supported
- ATS Pass ( Apple “Made for iPod” )

## Input

- 31 button keys
- 2 rotary encoders
- touch key I/F
- Infrared remote

## Network

- WiFi (64/128-bit WEP / WPA / WPA2)
- LAN Chip (on-board)
- Proxy Setting

## Regulatory Compliance

- FCC class B / CE
- EuP Standby < 0.35W (System only , Display off )



53 x 63mm

## Standard Software Applications

- CD Player / Internet Radio / Podcast / USB Player / SD Player / FM / UPnP / File manager / iPod / Setting

## Audio Decoder / Encoder

- MP3 (8/16/32/48/64/128 /160/ 192/ 256 /320 kbps) , MP3 Encoder (128 kbps)
- WMA versions 2,4,7,8,9 (all bits rate)
- Real Audio

## CD Player

- Playback CD-DA or CD-MP3 or WMA
- CD Ripping w / Gracenote

## Internet Radio

- World Station (+10,000 stations) and SHOUTcast (+20,000 stations )
- Category Shortcut and number keys for preset channels in My Favorite
- Instant Recording to USB or SD/MMC

## Podcast

- +10,000 channels and +100,000 free contents (Daily updated)
- Downloaded to USB or SD/MMC

## Schedule to Record

- 10 profiles setting by week days and time frame
- Selected channels (Internet radio / FM)
- Record to USB or SD/MMC

## Language

- Danish / Dutch / English / Finland / French / German / Italian / Norwegian / Portuguese / Spanish / Swedish
- Traditional and Simplified Chinese / Japanese (8MB Flash)

## Others

- Auto Internet Time Sync
- Dual Alarm with various sound sources
- Firmware on-line upgrade