

# ARCHE

Wireless Microphone  
Systems



# POWERFUL & PRECISE

Your performance depends on the microphone's performance. Whether singing or addressing the global audience, a minor glitch in the wireless microphone will be etched in people's memory forever.

Arche wireless systems are designed with one goal in mind - **Efficient Connectivity**.

What you get is a stable n reliable RF connectivity right out of the box. With its wide operating frequency range 522-936MHz and RF boost (40mW) in the entire UHF spectrum, these wireless microphones give flexibility and long working range. Whether its a seminar hall, a live stage or a classroom, working with Arche Wireless systems is a cake walk.



## KEY FEATURES



### AFS(Automatic Frequency Selection)

Press the "AFS" (Auto Frequency Selection) button 3 sec and the receiver will auto-scan and lock on to an open, interference-free frequency.



### Compatible systems

Maximum 24 set can be used simultaneously by using multiple frequency bands in one venue.



### IR Infrared Sync

Press [IR] button to pair automatically the receiver frequency with the transmitter.



### Full Band Transmitter

134MHz full band transmitter allows pairing with the receiver irrespective of frequency band.



### Anti-Interference

PLL(Phase Lock Loop frequency control) design ensures transmission reliability, "NoiseLock" squelch effectively blocks stray RF.



### Energy Conservation

Low RF power mode gives twice the battery life of up to 14 hours\*. (On AA Alkaline Batteries)

## AR1 | HANDHELD TRANSMITTER



- Dynamic Unidirectional microphone for music & speech
- Wide Operating Bandwidth of 134 MHz
- Operating distance of up to 100 Mtrs
- RF Boost & Battery saver mode switchable (10/40mW)
- OLED display provides frequency, channel & battery status
- Operating time of up to 14 hours on AA Alkaline batteries (battery saver mode)
- Durable metal die-cast body

## AR2 | BODYPACK TRANSMITTER



- Compact bodypack transmitter with ALM-02 condenser lavalier microphone
- Wide Operating Bandwidth of 134 MHz
- Operating distance of up to 100 Mtrs
- RF Boost & Battery saver mode switchable (10/40mW)
- OLED display provides frequency, channel & battery status
- Operating time of up to 14 hours on AA Alkaline batteries (battery saver mode)
- Durable metal die-cast body

## AR3 | SINGLE CHANNEL DIVERSITY RECEIVER



- UHF Band Single Channel diversity receiver
- PLL Synthesised circuitry with RF separation from GSM networks
- Auto Frequency Scan & Noise Squelch adjustment
- 32MHz operating bandwidth to allow 10 compatible systems working seamlessly
- Up to 24 compatible systems on multiple frequency bands
- Bright & Intuitive LCD display for RF level, Audio levels, working channel & transmitter battery status
- Rugged 1/2 EIA standard rack unit enclosure made with powder coated pressed steel

## AR33 | DUAL CHANNEL DIVERSITY RECEIVER



- UHF Band Dual Channel diversity receiver
- PLL Synthesised circuitry with RF separation from GSM networks
- Auto Frequency Scan & Noise Squelch adjustment
- 32MHz operating bandwidth to allow 10 compatible systems working seamlessly
- Up to 24 compatible systems on multiple frequency bands
- Bright & Intuitive LCD display for RF level, Audio levels, working channel & transmitter battery status
- Rugged 1/2 EIA standard rack unit enclosure made with powder coated pressed steel



## AR31 | WIRELESS HANDHELD MICROPHONE SYSTEM



## AR32 | WIRELESS LAVALIERE MICROPHONE SYSTEM



## AR331 | DUAL WIRELESS HANDHELD MICROPHONE SYSTEM



## AR332 | DUAL WIRELESS LAVALIERE MICROPHONE SYSTEM