



## LIVE BREAKING NEWS

# INTEGRATED WIRELESS INTERCOM

### YOUR WIRELESS PRODUCTIONS WITH FULL COMMUNICATION TO CAMERA MAN

- Upgrade kit – compatible with AB512.
- Full duplex intercom talkback.
- IFB – Interrupted Feedback for News talent.
- Up to 3 Km range.
- Utilizes ABonAir unlicensed frequency (5-6 GHz), No additional antennas required.
- Plug and communicate - no setup required.
- 4-wire and 2-wire support for easy integration with intercom matrix.
- Volume control, PTT button, VOX control, Call button.





# ON THE AIR, THROUGH THE AIR.

## The Multi-Camera Broadcast Challenge

More and more camera teams benefit from using wireless equipment to transmit video content from cameras to Mobile Broadcast Trucks or Media Centers.

The challenge in multi camera operation is to maintain communications between the director in the Media Center and the cameramen in the field (football stadium or outdoor reality show, for example) while the distance between them increases. In most wireless broadcast installations, Wireless Video transmission and Intercom systems use different radio technology and frequencies. The Intercoms limit the cameraman range to around 500 meters, and although the video transmission range may reach 3 kilometers, the cameraman is limited to only 500 meters range of the Intercom. As a result, the director cannot communicate with the cameraman although the video can still function properly.

In addition, installing a separate wireless Intercom system involves complex set up, added costs, and extra weight, as the cameraman needs to carry more equipment to support the communications system. Extra equipment naturally causes a higher total cost.

## ABonAir -The Intercom Solution

ABonAir's system is the only one supporting integrated Intercom for communication between the cameraman and the director on the same RF channel as the video content. ABonAir's system does not require an additional RF channel allocation for the Intercom or additional equipment support. This reduces cost, setup time and frequency usage.

## SPECIFICATIONS

### INTERCOM

TRANSMITTER	Integrated belt pack with IFB output
RECEIVER	Integrated belt pack with IFB output or Integral part of 1U receiver with 4-wire and 2-wire support

### MECHANICAL

SIZE	10 cm x 8 cm x 2.5 cm
WEIGHT	250 gram
HUMIDITY	95%

### INTERCOM BUTTONS AND CONTROLS

POWER ON & VOLUME POT.	VOLUME POT.
PTT BUTTON	
CALL BUTTON	
VOX CONTROL	

### IFB BUTTONS AND CONTROLS

### INTERCOM CONNECTORS

HEADSET PLUG	IFB EAR PLUG
MAIN SYSTEM CONNECTOR	IFB MICROPHONE

### IFB CONNECTORS



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