



THE PROVEN TEAM  
COMMUNICATION  
SOLUTION

# Firecom Wireless Base Stations

**106-3089-00** SINGLE-USER BASE STATION + PTT RADIO SUPPORT

**106-3086-00** MULTIPLE-USER BASE STATION

Wireless base stations support the RF connections of Firecom wireless communication systems. Housed in a compact rugged case, each base station maintains digital communication with one (106-3089-00) or up to four (106-3086-00) Firecom wireless headsets. Operating on the 1.9GHz DECT 6.0 standard, base stations provide secure, interference-free, full-duplex communication with Firecom wireless headsets up to a 1,600-foot line-of-sight radius. Multiple base stations can be combined with one or more intercom units to support up to 60 users in a single local digital audio network. For extended communication beyond the local team, the 106-3089-00 Single User Base Station interfaces with virtually any portable or mobile radio through a Firecom intercom unit. With a radio interfaced, the Single User Base Station supports push-to-talk communication through the radio from a properly configured Firecom wireless headset.

### 1,600-foot line-of-sight range

Over five times the distance and 30 times the area of Bluetooth

## 106-3089-00



### PTT radio interface support

The -3089 works with a properly configured Firecom wireless headset to transmit over a radio attached to a Firecom intercom unit; all users connected to the intercom will hear radio traffic; the -3089 user can transmit

### Extended-range operating temperature

Rated from -40°F to +158°F, these units work wherever you do

### DECT 1.9GHz wireless technology

Crystal-clear, interference-free and secure communication compared to Bluetooth or 2-way radio

## 106-3086-00



### Highly flexible power requirements

11-16VDC with low current needs; ESD and reverse-voltage protection

### Completely internal antennas

No external antenna to break, snag, or replace

## FIRECOM Corporation

7340 SW Durham Rd. | Portland, OR 97224 USA | 800-527-0555 • 503-684-6647 | fax: 503-620-2943 | [www.firecom.com](http://www.firecom.com)



## 106-3089-00

### Single-User Base Station

This base station accommodates a single Firecom wireless radio-transmit headset. The -3089 can be connected via a 6-conductor flat RJ-6 cable to any headset port on a Firecom intercom unit. The -3089 will provide full-duplex audio communication between the wireless headset and the intercom, as well as PTT radio communication through a radio-transmit wireless headset.

## 106-3086-00

### Multiple-User Base Station

This base station accommodates up to four wireless non-radio transmit wireless headsets. The -3086 can be connected via a 6-conductor flat RJ-6 cable to any headset port on a Firecom intercom unit. The -3086 will provide full-duplex digital audio communication between the wireless headset(s) and the intercom.

Any combination of up to 60 radio-transmit and non-radio-transmit headsets connected to single and multiple headset base stations can operate simultaneously, in close proximity to each other, for interference-free communications.

### Protect your investment for up to five years with the ComCare™ Service Program

Firecom offers unparalleled peace of mind with its exclusive ComCare Service Program. For less than the cost of a single out-of-warranty repair, ComCare Service provides comprehensive support and extends the warranty on your system for up to five years from the date of purchase. The benefits include priority status on technical support, priority repair time and shipping, and discounts up to 50 percent on batteries and non-warranty repairs. ComCare is available for purchase within 90 days of original equipment purchase date. To learn more about the benefits of ComCare, talk to your local dealer, or visit [www.firecom.com](http://www.firecom.com).

## Features

### Single-User 106-3089-00

- Accommodates a single Firecom wireless radio-transmit headset
- Provides full-duplex audio communication between a wireless headset and a Firecom intercom unit. Provides PTT radio communication from a properly configured headset when a radio is connected to the intercom.
- Encrypted digital signals protect communications privacy
- Up to 1600-foot line-of-sight range provides extended coverage in a wide variety of environments
- Designed to be permanently mounted in a fixed location or to mobile equipment
- Uses 12V nominal power to accommodate most fixed or mobile deployments
- Rugged design protects against vibration
- Connects via a 6-conductor flat RJ-6 cable to any port on a Firecom intercom unit

### Multiple-User 106-3086-00

- Accommodates up to four Firecom wireless non-radio transmit headsets
- Provides full-duplex audio communication between wireless headsets and a Firecom intercom unit
- Encrypted digital signals protect communications privacy
- Up to 1600-foot line-of-sight range provides extended coverage in a wide variety of environments
- Designed to be permanently mounted in a fixed location or to mobile equipment
- Uses 12V nominal power to accommodate most fixed or mobile deployments
- Rugged design protects against vibration
- Connects via a 6-conductor flat RJ-6 cable to any port on a Firecom intercom unit

## Specifications: 106-3089-00 and 106-3086-00

### Electrical:

- Power: Nominal 12VDC (11-16VDC)
- Current draw: 45mA average, 80mA peak
- Reverse voltage protection
- Immune to ESD and transients per SAE standard J1113
- EMC compatible per SAE standard J1113

### Mechanical:

- Dimensions: 5.7in L x 2.6in W x 1.2in H
- Weight: 4.2oz

### Environmental:

- Operating temperature range: 14°F to +158°F
- Storage temperature: -13°F to +185°F
- Meets SAE standards J1455
- Chemical resistance, corrosion and humidity per MIL-STD-810

### RF:

- Range: 1,600-foot line-of-sight
- 1.9 GHz DECT 6.0 wireless encrypted, interference-free communications
- Any combination of base stations and intercoms for a total of 60 headsets will work together in close proximity
- This device complies with FCC Part 15 Rules and IC RSS-213 Rules. Operation of this device is subject to the following two conditions:
  1. This device may not cause harmful interference.
  2. This device must accept any interference that may be received, including interference that may cause undesired operation.

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