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RadioShack 43-3105

RadioShack Advanced 3-Station/3-Channel FM Wireless Intercom

Model: 43-3105

INTRODUCTION

The RadioShack Advanced 3-Station/3-Channel FM Wireless Intercom system provides convenient and reliable communication within your home or office. Utilizing your existing electrical wiring, these intercom units allow for clear voice transmission between stations on three selectable channels. This system is designed for ease of use, offering features such as a lockable talk button for continuous monitoring and a call button to alert other stations.

SAFETY INFORMATION

- Read all instructions before operating the intercom system.
- Do not expose units to water or excessive moisture.
- Ensure units are plugged into a standard 120V AC outlet.
- Avoid placing units in direct sunlight or near heat sources.
- To prevent feedback (screeching), avoid placing two intercom units too close to each other in the same room, especially when the talk button is pressed.
- For optimal performance, all units should ideally be plugged into outlets on the same electrical phase within your building's wiring. Consult an electrician if you experience persistent communication issues across different areas of your property.

PACKAGE CONTENTS

Your RadioShack Advanced FM Wireless Intercom system includes the following:

- 3 x RadioShack FM Wireless Intercom Units (Model 43-3105)
- Each unit includes an attached 6.5-foot, 3-prong AC power cord.

PRODUCT OVERVIEW

Each intercom unit features a built-in speaker and microphone, along with intuitive controls for communication.



Image: The packaging for the RadioShack Advanced 3-Station/3-Channel FM Wireless Intercom system, showing three intercom units. The packaging highlights key features: "Includes 3 stations—add additional stations anytime," "3 channels—talk station to station, or with all stations," and "Lockable talk bar—works as a room or baby monitor." The model number "43-3105 Pkg. of 3" is also visible.

Controls and Indicators:

- **POWER Indicator:** A red light illuminates when the unit is powered on.
- **VOLUME Dial:** Adjusts the listening volume of the speaker.
- **CHANNEL Selector Switch:** A slide switch (A, B, C) to select one of the three available communication channels.
- **TALK Button:** Press and hold to speak. Release to listen.
- **LOCK Button:** When pressed, it locks the TALK button in the "on" position for continuous monitoring (e.g., baby monitor). Press again to unlock.
- **CALL Button:** Press to send an audible alert signal to other stations on the selected channel.

SETUP

- Placement:** Choose locations for your intercom units where they are easily accessible and near a standard 120V AC wall outlet. Ensure units are not placed in areas with excessive electrical noise or interference.
- Power Connection:** Plug the 3-prong AC power cord of each intercom unit into a live wall outlet. The POWER indicator light should illuminate.
- Channel Selection:** On each unit, use the CHANNEL selector switch to choose one of the three available channels (A, B, or C). For two units to communicate, they must be set to the same channel. For all units to communicate simultaneously, they should all be set to the same channel.
- Volume Adjustment:** Turn the VOLUME dial to a comfortable listening level.

Note: For optimal performance, especially in larger homes or buildings, it is recommended that all intercom units are plugged into electrical outlets that are on the same electrical phase. If you experience difficulty communicating between units in different parts of your property, this may be a contributing factor. Consult a qualified electrician if you suspect phase differences are affecting performance.

OPERATING INSTRUCTIONS

Basic Communication:

1. Ensure all desired communicating units are plugged in and set to the same channel (A, B, or C).
2. To speak, press and hold the **TALK** button. Speak clearly into the microphone.
3. To listen, release the **TALK** button.

Using the **CALL** Button:

- To alert another station, briefly press the **CALL** button. An audible signal will sound on all units set to the same channel.

Monitoring (Lockable Talk Button):

- For continuous monitoring of a room (e.g., a baby's room), press the **TALK** button and then press the **LOCK** button. The TALK button will remain engaged, allowing continuous audio transmission from that unit.
- To disengage the continuous talk feature, press the **LOCK** button again.

The FM circuitry provides clear and reliable reception and transmission. The typical transmission range is up to 300 feet, though this can vary based on electrical wiring quality and interference.

MAINTENANCE

- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, unplug the units and store them in a cool, dry place.
- **Power Cord:** Regularly inspect the power cord for any damage. Do not use units with damaged cords.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power indicator light.	Unit not plugged in; outlet not live; unit malfunction.	Ensure unit is securely plugged into a working outlet. Test the outlet with another device. If still no power, the unit may be faulty.

Problem	Possible Cause	Solution
Cannot communicate between units.	Units on different channels; units on different electrical phases; too far apart; interference.	Verify all communicating units are set to the same channel. Try different channels. Ensure units are on the same electrical phase (consult electrician if unsure). Reduce distance between units. Move units away from large electrical appliances or sources of interference.
Excessive static or unclear audio.	Electrical interference; units too far apart; poor electrical wiring.	Try different channels. Relocate units away from other electronic devices or appliances. Ensure units are on the same electrical phase. Static may be acceptable in some environments.
Screeching or feedback when talking.	Two units too close together with talk button engaged.	Increase the distance between the two active intercom units. Ensure doors are closed between rooms if units are in close proximity.

SPECIFICATIONS

Product Type: Wireless Intercom System

Model Number: 43-3105

Color: Gray

Channels: 3 (A-200KHz, B-270KHz, C-230KHz)

Transmission Range: Up to 300 feet (91 meters)

Power Source: Corded Electric (120V AC)

Features: Built-in Speaker, Microphone, Lockable Talk Button, Call Button, Volume Control

Item Weight: Approximately 3.7 pounds (1.68 kg) per package of 3 units

Product Dimensions: Approximately 9 x 7 x 7 inches (22.86 x 17.78 x 17.78 cm)

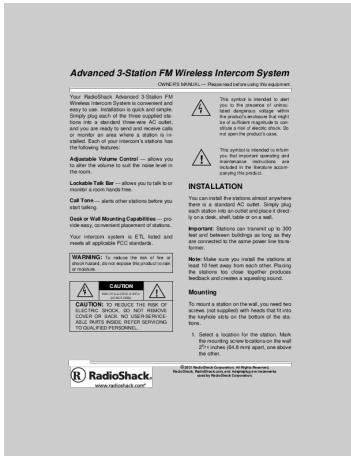
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WARRANTY AND SUPPORT

RadioShack products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or service, please refer to the documentation included with your purchase or visit the official RadioShack support website. Keep your purchase receipt as proof of purchase for any warranty claims. For additional assistance, you may contact RadioShack customer service through their official channels.

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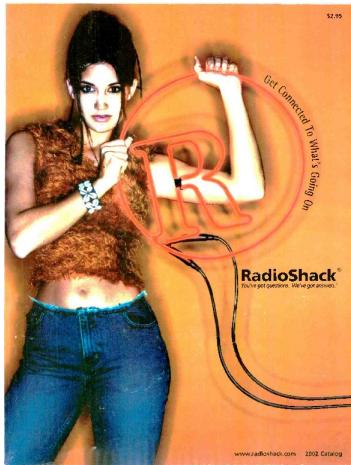
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