

SGPRO D-333T

SGPRO D-333T Wireless Saxophone Microphone System

USER MANUAL

1. Product Overview

The SGPRO D-333T is a high-quality wireless condenser gooseneck microphone system designed for brass instruments, particularly saxophones and trumpets. This dual-set system offers superior sound capture for live performances and recording sessions.

Key features include a bronze-made gooseneck for easy and steady angle adjustment, a specially designed microphone clip with silicone rubber pads to protect your instrument, and a wide range of UHF channels for interference-free operation. The digital transmitter and receiver circuit ensure stable signal transmission with low latency. The system also provides handy effects and functions such as mute, echo, gain, and volume adjustment, and offers long stamina with regular AA batteries or rechargeable transmitters.



Figure 1: SGPRO D-333T Dual Wireless Saxophone Microphone System

2. Package Contents

Upon unpacking, please ensure all the following items are present:

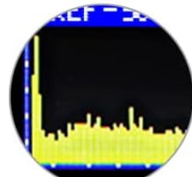
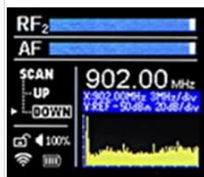
- 1 x Receiver Unit
- 2 x Gooseneck Microphones (with integrated Transmitters)
- 2 x Mic Clips for Saxophone Bell
- 1 x Power Adapter for Receiver
- 1 x Charging Cable (for transmitters)
- 1 x 6.5mm Connector Cable
- 2 x Mic Covers
- 1 x User Manual (this document)

SCREEN OPERATION



Setup button/knob

Built in ECHO & EQ function, spin around SET BUTTON to select menu as the screen indicate ,then click again to enter or exit to next level of the menu.



Interference frequencies

Select UP or DOWN to scan for available frequencies. The spectrum shows realtime interference level.



Figure 2: Package Contents

3. Components Overview

3.1 Receiver Unit

The receiver unit is the central hub of your wireless system. It features controls for power, setup/volume, lock/unlock, and an IR window for syncing with the transmitters. The rear panel includes mix out, balanced out (XLR), DC power socket, and USB charge output.



Figure 3: Receiver Unit Details

3.2 Transmitter & Gooseneck Microphone

Each gooseneck microphone is integrated with a transmitter. The transmitter features a mic capsule, 3.5mm input, 15dB gain switch, IR window, indicator light, switch power button, and a charge socket. The mic clip is designed for secure attachment to instrument bells.

RANGE OF 262 FEET (80 METERS)



Figure 4: Transmitter and Gooseneck Microphone Details

4. Setup

4.1 Initial Connection

1. Connect the antennas to the ANT-A and ANT-B ports on the rear of the receiver.
2. Plug the AC adapter into the DC INPUT on the receiver and connect it to a power outlet.
3. Connect the receiver's MIX OUT or BALANCE OUT (XLR) to your mixer, amplifier, or speaker system.
4. Turn on the receiver by pressing the POWER button.

4.2 Powering On Transmitters

Each gooseneck microphone has an integrated transmitter. To power on, locate the red power button on the transmitter unit and press it. The display on the transmitter will illuminate.

4.3 Charging Transmitters

The system includes a charging cable with two lines, allowing you to charge both transmitters simultaneously

via the charge socket on each transmitter. The receiver also has a USB charge output for convenience.

4.4 Frequency Change and Pairing (Syncing)

To change the frequency and pair the microphone transmitters with the receiver, follow these steps:

1. Boot up the D-333T Receiver.
2. Boot up the Saxophone Microphone (Transmitter).
3. On the receiver, long press the 'Lock' button to unlock the system.
4. Rotate and press the 'SETUP' knob to choose the desired Group (GR) and Channel (CH).
5. Once the desired GR/CH is selected, long press the 'IR' button on the receiver to send out the IR signal. The IR light on the front will start flashing.
6. Position the IR window on the transmitter (located on the underside, facing the mic when assembled) about an inch away from the receiver's IR light.
7. The transmitter will synchronize with the receiver, and the IR light on the receiver will stop flashing once successful.

This process ensures your microphone is operating on the selected frequency and is properly linked to the receiver.

Video 1: SGPRO D333T Dual Wireless Sax Mic Change Frequency & Pairing

ONE SYSTEM FOR TWO SAXOPHONES



Figure 5: Dual Saxophone Setup

5. Operating Instructions

5.1 Microphone Attachment

The microphone can be attached to your instrument using two methods: the clip-on method or the screw-on method. The specially designed clamp with silicone rubber pads ensures no harm to your instrument's finish.

TRANSMITTER



Figure 6: Transmitter Installation Methods

5.2 Adjusting Settings (Echo, EQ, Gain, Volume)

The receiver unit allows for adjustment of various audio effects and settings. Use the 'SETUP' knob to navigate the menu:

- Long press the 'Lock' button to unlock the system.
- Press the 'SETUP' knob to toggle through the main menu options: GR/CH, Scan, Effects.
- Rotate the knob to highlight the desired option (e.g., 'Effects') and press to select.
- Within the 'Effects' menu, you can adjust parameters like Echo (ratio, delay, volume) and EQ. Rotate the knob to change values and press to confirm.
- The system will automatically relocate after a period of inactivity.



Figure 7: Screen Operation for Settings Adjustment

For a visual guide on the system's features and operation, please refer to the video below:

Video 2: Saxophone Microphone Wireless Dual System D-333T Overview

5.3 Operating Range

The system offers a wide operating range, allowing for flexibility in various performance environments. The effective range can be up to 262 feet (80 meters) under optimal conditions.

2 WAYS FOR TRANSMITTER INSTALLATION



CLIP on Horn

Specially designed clamp made of virgin rubber protects saxophone bells from being damaged.

SCREW on Horn

You may use the screw-on mic clamp according to your own preference.



Figure 8: Operating Range

6. Maintenance

6.1 Cleaning

Wipe the receiver and microphone units with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the microphone capsule is free from dust and debris.

6.2 Battery Care

The transmitters use Lithium Polymer batteries. To prolong battery life:

- Fully charge the batteries before first use.
- Avoid completely draining the batteries regularly.
- Store the units in a cool, dry place when not in use for extended periods.

7. Troubleshooting

7.1 No Sound or Signal Loss

- **Check Power:** Ensure both the receiver and transmitters are powered on and have sufficient battery charge.
- **Verify Connections:** Confirm all cables (power, audio output) are securely connected to the receiver and your audio system.
- **Frequency Sync:** If you have multiple units or experience signal issues, re-sync the transmitter with the receiver using the IR pairing method described in Section 4.4. Ensure the IR window on the transmitter is properly aligned with the receiver's IR light during sync.
- **Frequency Conflict:** If using multiple wireless units, ensure each transmitter/receiver pair is on a unique group and channel. Operating two transmitters on the same frequency will cause interference and prevent proper function. If this occurs, turn off all units, then power on one receiver and its matching transmitter, change its frequency, and then repeat for other units.
- **Obstructions:** Wireless signals can be affected by physical obstructions (walls, large metal objects, human bodies) or other wireless devices. Try to maintain a clear line of sight between the transmitter and receiver.
- **Range:** Ensure you are within the effective operating range of the system.

7.2 Unwanted Echo Effect

If you experience an unwanted echo effect, it may be enabled in the receiver's settings. Navigate to the 'Effects' menu (as described in Section 5.2) and adjust the 'Echo.Vol' parameter to 0 or a lower desired level.

8. Specifications

Feature	Specification
Model Name	D-333T
Item Model Number	SG333T
Dimensions (L x W x H)	5.5 x 10.33 x 5.5 inches
Item Weight	6.6 pounds
Power Source	Battery Powered
Number of Batteries	2 Lithium Polymer batteries required (included)
Material	Silicone Rubber, Metal, Acrylonitrile Butadiene Styrene
Signal-to-Noise Ratio	74 dB
Noise Level	74 dB
Number of Channels	90
Frequency Range	902-928 MHz

Feature	Specification
Connectivity Technology	USB
Connector Type	USB Type-A
Polar Pattern	Unidirectional
Microphone Form Factor	Gooseneck
Recommended Uses	Live
Special Features	Clip, Battery Indicator Light, Mute Function, Volume Control, Gooseneck
Country of Origin	China
UPC	739240136988

9. Warranty and Support

For detailed warranty information and technical support, please refer to the official SGPRO website or contact their customer service directly. Keep your purchase receipt for any warranty claims.