

Chapter 7 — Voice Control (Rosmaster R2)

[DIAGRAM — VOICE COMMAND FLOW]

Microphone → Voice Node → Command → /cmd_vel → Robot Moves

1. Overview

Voice control lets you command the robot hands-free using simple phrases.

2. Start Voice System

```
roslaunch r2_voice voice_control.launch
```

3. Supported Commands

- 'Robot forward'
- 'Robot stop'
- 'Robot turn left'
- 'Robot turn right'

4. Speed Limit

Voice movement runs at a safe speed of **0.15 m/s**.

5. Microphone Tips

- Speak clearly
- Avoid background noise
- Keep mic close

6. Safety

Always be ready to stop robot manually with controller or keyboard.