

SAMPLE

Voice AI Agent Deployment Kit

The opening of SETUP.md, one of 43 files in the kit. <https://solasai.net/products/voice-ai-kit/>

Setup Guide

Get your Voice AI Agent running in under 30 minutes.

Prerequisites

- **Node.js 20+** (or Docker)
- **Telnyx account** with a phone number and SIP connection
- **ElevenLabs account** with Conversational AI access
- **Supabase project** (free tier works)

Step 1: Clone and Install

```
git clone <your-repo>
cd voice-ai-kit
npm install
```

Step 2: Set Up Supabase

1. Create a new project at supabase.com
2. Go to **SQL Editor** and run the migration:

```
# Copy the contents of supabase/migrations/001_call_log.sql
# and paste into the Supabase SQL Editor, then click "Run"
```

3. Get your credentials from **Settings > API**:
 - SUPABASE_URL — Project URL
 - SUPABASE_SERVICE_ROLE_KEY — service_role key (under "Project API keys")

See [SUPABASE.md](#) for detailed setup.

Step 3: Set Up Telnyx

1. Create an account at telnyx.com
2. Purchase a phone number
3. Create a **SIP Connection** (TeXML or Call Control)
4. Note your:

- TELNYX_API_KEY — API key from the portal
- TELNYX_CONNECTION_ID — from the SIP connection page
- TELNYX_PHONE_NUMBER — your purchased number in E.164 format

See [TELNYX.md](#) for detailed setup.

Step 4: Set Up ElevenLabs

1. Create an account at elevenlabs.io
2. Go to **Conversational AI** and create a new agent
3. Use one of the templates in /templates/ for your system prompt
4. Configure the agent's phone number via Telnyx SIP
5. Note your:
 - ELEVENLABS_AGENT_ID — from the agent settings page
 - ELEVENLABS_SIP_URI — `sip:#{your_number}@sip.rtc.elevenlabs.io:5060`

See [ELEVENLABS.md](#) for detailed setup.

Step 5: Configure Environment

```
cp .env.example .env
```

Fill in all values in `.env` with your credentials from Steps 2-4.

Step 6: Run

```
# Development (with auto-reload)
npm run dev
```

```
# Production
npm start
```

Verify it's running:

```
curl http://localhost:3101/health
```

Step 7: Expose to the Internet

Telnyx and ElevenLabs need to reach your webhooks. Options:

Development: ngrok

```
ngrok http 3101
```

Update your `.env`:

`PUBLIC_URL=https://your-id.ngrok-free.app`

Production: See [DEPLOYMENT.md](#)

Step 8: Configure Webhooks

1. **Telnyx:** Set your connection's webhook URL to `{PUBLIC_URL}/webhook/telnyx`
2. **ElevenLabs:** Set the post-call webhook to `{PUBLIC_URL}/webhook/elevenlabs/post-call`

Step 9: Test

Make an outbound call:

```
curl -X POST http://localhost:3101/call/outbound \  
-H "Content-Type: application/json" \  
-H "Authorization: Bearer YOUR_WEBHOOK_BEARER_TOKEN" \  
-d '{"to": "+15551234567", "context": "Test call"}'
```

Check Supabase for the call log entry. See the transcript after the call ends.

Next Steps

- [CUSTOMIZATION.md](#) — Adapt the agent for your business
- [DEPLOYMENT.md](#) — Deploy to production
- [ELEVENLABS.md](#) — Voice selection, system prompts, tools
- [TELNYX.md](#) — Phone numbers, SIP trunking, call control

The sample ends here. The full document runs about 429 words; the kit holds 43 files. Version 2.2, 19 October 2026. Buy it at <https://solasai.net/products/voice-ai-kit/>, 14-day refund for any reason.