



Zebra Voice Connect SDK 1.5.0

Release Notes – June 2026

We are excited to announce the initial release of the Zebra Voice Connect SDK 1.5.0, designed for seamless integration with Android applications to enable wake word detection capabilities on supported Zebra devices. This SDK provides real-time wake word detection and enhancing voice-enabled application functionality.

Delivery & Availability

This document, the Zebra Voice Connect SDK Release Notes, will be available as a standalone PDF on the WS301 support page.

The core SDK components are delivered in a single zip file, which can be downloaded from the WS301 support page.

[Download Link](#)

What's Included in the SDK Package

The SDK is distributed with the following components:

- **Zebra Voice Connect SDK Library** (ZebraVoiceConnect-1.5.aar): The local Android Archive (AAR) file to be included in your project.
- **Integration Documentation:** Comprehensive integration guide with technical details and instructions (ZebraVoiceConnect_SDK_Integration.md).

Key Features

Wake Word Detection

- **Real-time Wake Word Detection:** Detects (pre-programmed) wake and duress phrases. The default wake and duress phrases are “Ok Zebra” and “Pineapple” respectively.
Note: The onWakeWordDetected() API can be used to receive a callback when a wake or duress phrase is detected. For implementation details, refer to the integration document available at [Download Link](#)



Device Support

This SDK is specifically designed to support Zebra devices:

- WS301

System Requirements

Development Tools

- **Android Studio** with Java 11+
- **Compile SDK Version:** 33
- **Build Tools:** 30.0.1 or higher

Android API

- **Minimum SDK:** API Level 30
- **Target SDK:** API Level 35
- Runtime permissions for:
 - `RECORD\_AUDIO` (Standard Android microphone permission)
 - `BIND\_WAKE\_WORD\_SERVICE` (Custom Zebra permission for service binding)

Device Requirements

- This SDK supports ZebraWakeWord service capabilities on the WS301 product running with March LG OS build (14-12-17.00-UN-U35-STD-APL-04) or later.
Note: By default, the wake word feature would be in the disabled state. To enable/disable the wake word please refer to the bar code available in the [Download Link](#)
- Microphone must be enabled.
- Wake word feature is supported on device microphone and via 3.5 mm headset microphone connected via clip mount accessory.

Software Packages

Description	Version
Zebra Voice Connect	1.5.0



Installation Requirements

Local AAR Integration

- Include ZebraVoiceConnect-1.5.aar in your project's libs/ folder
- Add the dependency in your build.gradle:

```
dependencies {  
    implementation files('libs/ZebraVoiceConnect-1.5.aar')  
}
```

ProGuard/R8

- Apply necessary ProGuard rules if minification is enabled
- The release build includes optimized ProGuard configuration

Runtime Permissions

- Both *RECORD_AUDIO* and *BIND_WAKE_WORD_SERVICE* are dangerous-level permissions and must be requested at runtime on Android 6.0+.

Service Initialization

Initialize the SDK in your application or activity code, ensuring:

- All required permissions are granted before service binding
- Proper error handling for service connection failures

Known Limitations

USB Type-C Wired Headset: Feature is not supported

Important Links

[Zebra Voice Connect SDK Tech Doc](#)

[WS301 Support](#)

Release History

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Version 1.5.0 (June 2026) - Initial Release

- Initial public release of Zebra Voice Connect SDK
- Comprehensive permission management
- Support for Android API 30-35
- Security-first design with minimal API surface

This is the initial release of the Zebra Voice Connect SDK. Future releases will include additional features, enhancements, and bug fixes based on developer feedback and evolving requirements.