



PiccyBot User Manual

Home Screen

1. Overview

The PiccyBot Home Screen is the first screen you will see after onboarding. It is fully optimised for blind and low-vision users with a VoiceOver-friendly layout, large touch targets, and clear audio responses.

From here, you can:

- Capture or select images and videos
 - Automatically receive a **default AI description**
 - Ask follow-up questions about the media
 - Enter a dedicated chat mode for deeper conversation
 - View descriptions or listen to audio narration
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2. Top Navigation Bar

2.1 Subscription / Settings Button (Top Left)

- **If not subscribed:** A button labelled “**Subscribe**” appears.
- **If subscribed:** A **gear icon** replaces it.

Tapping the gear opens **Settings**, where users can configure voices, AI model, controls, capture settings, and more.

2.2 Screen Title (Top Center)

Always reads: “PiccyBot.”

2.3 Share Button (Top Right)

- This button appears **only after a description or audio is generated**.
- If no description exists, it remains **hidden**.

VoiceOver: “Share button.”

Shares:

- Share the description text
 - Share the generated audio
 - **Merged video output** (if audio mixing is enabled)
 - Saved media with **embedded text metadata** so that VoiceOver can read it later in Photos
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3. Question Input Field

Located below the navigation bar.

Purpose:

- Ask follow-up questions about the selected media
- Add extra detail requests
- Clarify objects, colors, text, people, layout, etc.

VoiceOver:

“Query PiccyBot with your question. Text field.”

Prompt Saving (Optional)

If enabled under Settings → App Controls → Prompt Saving:

- Your last **10 prompts** appear as suggestions
 - Appears only when you start typing
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4. Main Content Area

This area changes dynamically based on the user's actions.

4.1 When No Media Is Selected

The middle of the screen shows **random helpful tips**, such as:

- “Tip: 📷 Share photos & videos from Instagram, Messenger, or TikTok. Just tap ‘Share’ and select PiccyBot!”
- “Tip: 📉 Lowering video quality speeds up processing. Adjust ‘Video Upload Quality’ in settings.”
- “Tip: 💬 Ask PiccyBot follow-up questions for more details about your media.”

Tips appear **only when**:

- Nothing has been selected (Default Screen)
 - No description exists
 - No processing is happening
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4.2 When Media Is Selected

After selecting or capturing media, PiccyBot begins **initial processing**.

Once the **default description** is ready, the screen displays:

Media Viewer

Shows the selected image or video.

Description View

Shows the generated text summary.

Segmented Control

Below the viewer, users can switch between:

- **Media**
- **Description**

VoiceOver labels:

- “Image or Video.”
 - “Response.”
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4.3 After Processing Is Completed

These appear ONLY after description generation:

Play / Pause Button

Plays AI-generated audio.

Retry Button

Re-run the analysis on the same media.

Share Button

Revealed on the top-right of the navigation bar.

4.4 Follow-up Questions & Chat Mode

Initial Description First

When you select or capture media:

1. PiccyBot **always creates the first description automatically** (“What is in this image?” or “What is in this video?”)
2. Only **after** this description finishes:
 - The text field becomes active for follow-up questions
 - A **Chat button** appears

Chat Button

After the initial description is generated:

- A new button appears: “**Chat with PiccyBot**”
- Opens a **dedicated chat screen**
- You can:
 - Ask more detailed questions
 - Upload additional reference images
 - Continue the conversation contextually

VoiceOver:

“Chat. Open follow-up chat with PiccyBot.”

5. Processing State

Processing happens only when:

- A photo is captured
- A video is captured
- A photo/video is picked from the gallery
- A media link or social media image is shared to the app. Eg: YouTube, Instagram, Facebook..

- Clipboard monitoring imports content

5.1 Processing Indicator

Appears **only during active processing**, directly **above the bottom toolbar**, showing:

- Three animated dots
- Text like “Initializing process..”, “Processing...”, "Contacting server.."

Hidden the moment:

- Description/Audio is ready
- Or the user cancels

No spinner or centre animation is used.

5.2 Optional Processing Sound

Users can enable or disable this from:

Settings → App Controls → Waiting Sound

Behavior:

- Plays while processing
- Stops instantly when:
 - Analysis completes
 - User cancels

VoiceOver still says “Processing your image/video” even if sound is disabled.

6. Bottom Toolbar (Always Visible)

Contains four main action buttons from left to right:

1. Record Video

VoiceOver: "Record video."

2. Pick Video

VoiceOver: "Choose video from library."

3. Take Photo

VoiceOver: "Take photo."

4. Pick Photo

VoiceOver: "Choose a photo from the library."

7. Cancelling Processing

Users can cancel processing **at any time** by tapping **any** of the four bottom buttons.

Canceling:

- Immediately stops processing
- Removes the three-dot indicator
- Stops the processing sound
- Leaves the previously selected media on-screen
- Returns the screen to the idle state

VoiceOver:

"Cancelled."

SETTINGS

Below is the complete structure based on your updated sections.

1. Voice Controls (Section Header: Voice Controls)

Selected Voice (Default / Custom Voice)

- Shows: **Selected Voice** → **Default** (by default).
- Tapping opens a new screen with:
 - List of all available voices.
 - **Preview button** next to each voice.
 - **"None" option** at the bottom to disable audio output entirely.
 - Selecting **None**: PiccyBot will *only show text descriptions*.

Voice Personality Toggle

- ON → AI speaks using PiccyBot's unique personality style.
 - OFF → Robotic, neutral-style narration.
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2. Speaking Rate (Section Header: Speaking Rate)

Speaking Rate Stepper

- Range: 10 to 100

- Smooth slider
 - Works like VoiceOver's speaking rate controller.
 - Controls how fast the generated audio description is spoken.
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3. Model Controls (Section Header: Model Controls)

AI Model Selection

Choose which AI engine PiccyBot uses for analysis.

Tapping opens a **Model Selection Screen** that includes:

- Search field at the top
- Full list of AI models
- Small hints like:
 - "Fastest for selfies"
 - "Best for scenes and objects"
 - "Most accurate for text reading"
 - "Best for videos"

VoiceOver:
"AI Model. Button."

Description Length

A stepper control: 10 → 100 (increments of 10)

Default: **50**

Purpose:

Controls how detailed the AI description should be.

- 10 → Super short summary
- 50 → Default balanced detail
- 100 → Maximum detail (best for accessibility)

VoiceOver:

“Description length. Medium. Adjustable.”

Description Language

Select the language used for description output.

Tapping opens a **Language Selection Screen** with:

- Search field
- Full list of supported languages
- Examples of dialect variations where available

Affects both text and audio (if audio is enabled).

VoiceOver:

“Description Language. Button.”

Video Picker Quality

Choose the resolution used when importing videos.

Options:

- **Low — Faster uploads, ideal for rural/slow networks**
- **Medium (default) — Balanced clarity + upload speed**
- **High — Best clarity for reading text, signboards, small details**

Lower quality improves upload speed.

VoiceOver:

“Video Picker Quality. Medium.”

4. App Controls (Section Header: App Controls)

Prompt Saving Toggle

- If ON:
 - PiccyBot saves the last **10 prompts** you typed.
 - Suggestions appear when you start typing.
- If OFF:
 - No suggestions will appear.

Clipboard Monitoring Toggle

- If ON:
 - When you open the app, PiccyBot checks for:
 - Images
 - Image links
 - Video links
 - You'll see a system alert asking permission:
 - **Allow Paste** or **Dismiss**

Camera Controls (Three Toggles)

1. Use Volume Key to Capture

Use volume buttons to take a picture.

2. Disable Description

- When ON:
 - The camera takes a picture **and saves it directly to Photos**.

- No description is generated.
- Requires Photos permission.

3. Auto Capture (Selfie Mode Only)

- PiccyBot automatically takes a picture when:
 - Your face is centered
 - Your distance is correct
- VoiceOver gives live face-alignment guidance.

Feedback – Processing Sound

- Toggle to enable/disable PiccyBot's **processing sound**.
 - Helps users know when processing is happening.
 - Works together with the Status Indicator.
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5. AV Mixer (Section Header: Mixer)

Tapping **Mixer** opens a new screen with a back button.

Enable Audio Mixing (Main Toggle)

If OFF → All audio adjustment controls stay hidden.

If ON → The "Adjust Audio Levels" section appears.

Adjust Audio Levels (Appears Only if Mixing is Enabled)

Each audio type uses a **0% to 100% stepper**, with **10-step increments**:

- **Video Audio Level**

- **PiccyBot Audio Level (Generated Voice)**
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Share Screen Behavior with AV Mixer Enabled

When you share a processed video:

- You will see the option:

Share Merged Video

This exports a new video that contains:

- The original video audio (at your chosen %)
- The PiccyBot generated audio (at your chosen %)
- Both are mixed according to your mixer settings.

6. Developer Section

1. Rate Us!

Opens the App Store page for PiccyBot.

Here, you can leave a rating or review to support the app.

2. Learn More

Provides extra information about:

- New features
 - How PiccyBot works
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3. More Apps by Sparkling

Opens a curated list of other apps created by the Sparkling Apps team.

You can explore and install other tools built with accessibility in mind.

4. Upgrade

This section changes dynamically:

- **Monthly active** → shows Yearly option+ Lifetime option
- **Yearly active** → shows Monthly option + Lifetime option
- **Not subscribed** → Shows “Upgrade Options” (Monthly, Yearly, Lifetime)

Selecting it opens the upgrade & subscription management screen.

5. Share with Friends

Lets you share PiccyBot using your preferred apps, such as Messages, WhatsApp, Mail, or social media.

Great for recommending PiccyBot to other blind users.

Contact Us Section

1. Send Email

Opens your email app with the PiccyBot support address filled in.

You can write:

- Feedback
- Bug reports
- Feature requests

- Accessibility issues

The team will get back to you.

2. Community

Opens the official **PiccyBot Community** link.

Here, you can:

- Interact with other users
 - Ask questions
 - Share tips
 - Stay updated with announcements
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Safety Disclaimer

PiccyBot provides AI-generated descriptions to help you understand visual content.

However:

- Do **not** rely on PiccyBot for medical judgments.
- Do **not** rely on the app during emergencies.
- Always consult qualified professionals for critical decisions.

Use PiccyBot as a helpful guide, not as a replacement for expert advice.
