

MODEL

A-Lab Android ST

A-Lab
Android Standard Model



A-Lab Android ST

※ The image is an example

OVERVIEW

A-Lab have also developed a Standard Model of their Commercial Geminoid. The standard model comes with a controllable head and torso, and is offered, only, in a sitting position.

It is incredibly life-like in appearance, with a completely, versatile mouth, that is able to emulate all the movements of synchronized speech (speech is not included). Make-up and hairstyling can also be applied to the face and head. The androids are, now, easier to disassemble for transportation and components can be placed in two specialized racks which adapt to meet carry-on baggage regulations, for safe air travel. A micro color-camera, with USB outlet, is mounted in one eye and provides built in operator support.

SPECIFICATIONS ANDROID BODY

Actuation	Pneumatic actuator
Degree of Freedom	19 degrees of freedom
Dimensions	W500×D280×H1650mm
Weight	Approx. 38kg

SPECIFICATIONS VALVE UNIT

Power-supply voltage	AC100-240V
Power consumption	120W

MOVING POINTS

01 Both Upper Eyelids: Open & Close	Opens and closes upper eyelids
02 Both Eyeballs: Right & Left	Moves eyeballs left and right
03 Both Eyeballs: Wide & Narrow	Brings eyeballs closer together
04 Both Eyeballs: Up & Down	Moves eyeballs up and down
05 Both Lower Eyelids: Open & Close	Opens and closes lower eyelids
06 Eyebrow: Up & Down	Lifts and lowers whole eyebrows
07 Eyebrow: Wide & Narrow	Draws eyebrows together
08 Left cheek: Up & Down	Lifts left cheek and edge of mouth
09 Right cheek: Up & Down	Lifts right cheek and edge of mouth
10 Lip: Pull	Pull closed lips sideways
11 Lip: Push	Purses lips
12 Mouth: Open & Close	Lifts and lowers jaw
13 Neck: Tilting left	Tilts neck toward left
14 Neck: Tilting Right	Tilts neck toward right
15 Neck: Turning	Turns neck left and right
16 Neck Root: Front & Back	Moves neck root back and forward
17 Breathing gesture	Shoulders raise and lower slightly
18 Upper Body: Turning	Turns waist left and right
19 Upper Body: Front & Back	Bows slightly

*The Standard Model is offered only in sitting position.
The contents are subject to change without notice. © Copyright A-Lab Co.,Ltd ALL rights reserved.

