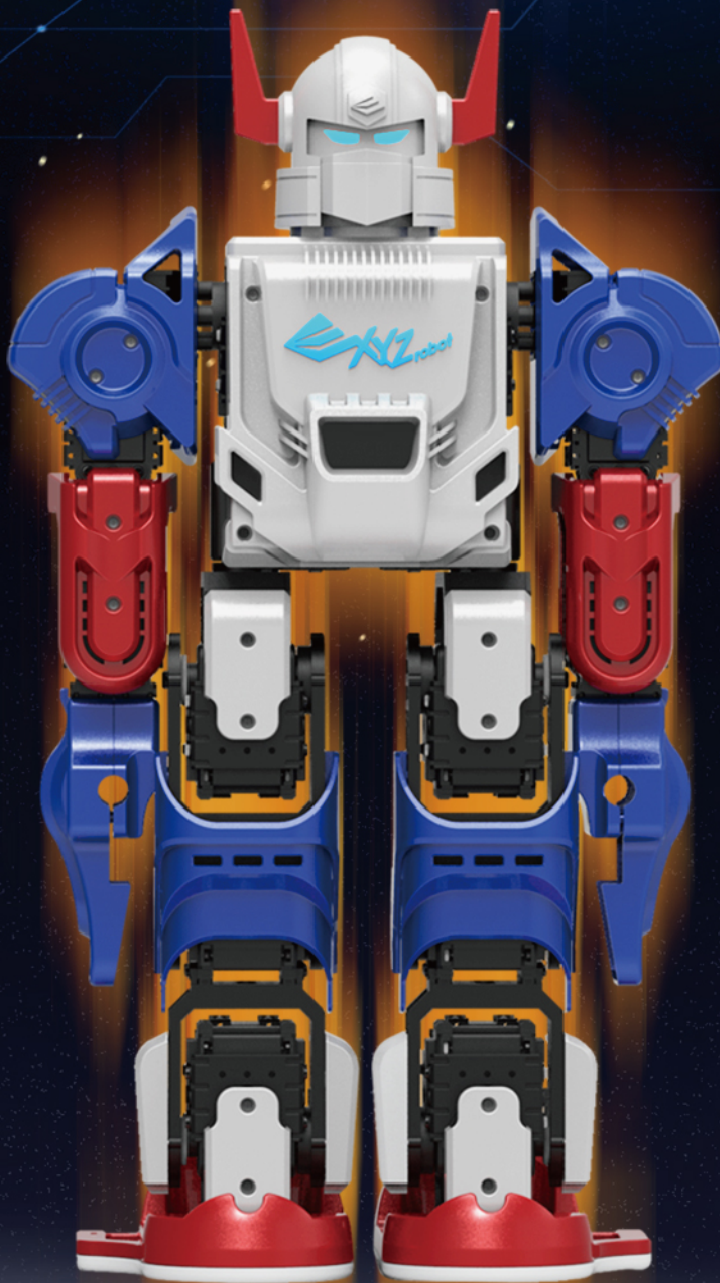




IMAGINATION WITHOUT LIMITATION

Y-01





The Possibilities Are Endless, Free Your Minds to DIY.

Advanced Humanoid Robot

Free Online Resources at XYZPrinting.com

- Creative 3D printable designs
- Training Videos
- Software Downloads

3D Printable Parts to Create Your Unique Robot.



Creativity



Programming



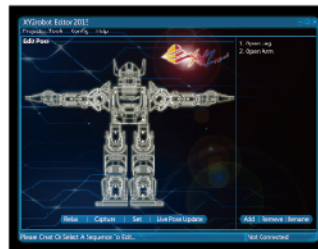
3D Printer



3D Armor



- The most affordable advanced humanoid robot.
- With 18 degrees of freedom.
- Suitable for people who are interested in entering the robot field.
- Free downloadable motion scripts on XYZrobot website.
- Controlling by remote controller/APP



Packaging

- **Fully assembled:**
Get a robot and edit motion, make it move as you want.
- **Half assembled:**
Preassembled can save you a lot of time, get it done and play!
- **DIY kit:**
Step by step, enjoy making a robot from the beginning.
- **Battery-Purchasable and Interchangeable.**
- **Remote controller-2 joysticks and 6 buttons for more action.**



IMU(Acc/Gyro)
Falling down detection



Speaker
Play music



Buzzer
Play ringtone



AI Motor
Professional robotic servo
motor with 4 color LED



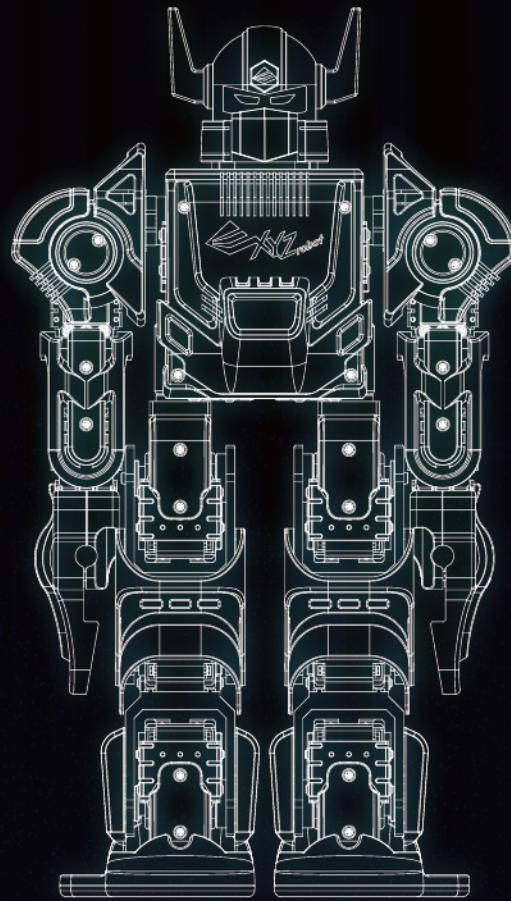
Bluetooth
BLE4.0



IR Sensor
Distance measurement



Eyes: Blue & green color
Chest: Red, green and
blue color for display.



Advanced Humanoid Robot

Specification

Servo motor	XYZ A1-16 Motor × 18pcs Torque: 16kg · cm at 12V
Main controller	ATmega1280
Dimension	H 407 x W 141 x D 230 (mm)
Weight	2.35 kgw
Sensors	G-sensor, DMS
Remote Control	Bluetooth 4.0/Bluetooth 4.1 stack
Programming Key	4 Buttons
AC Adapter	12V, 5A
Motion-editing Software	XYZrobot Editor 1.0
Speaker	2W
Chest LED Module Color	R, G, B
EYE LED Color	G, B

