

Variable	Type	Format	description
gundamage	Floating Point	NNN.NN	Determines the damage the gun does to an enemy
Range	Floating Point	NN.NN	Determines how far the gun can shoot
FireRate	Floating Point	NNN.NNN	Determines how fast your gun fires
Ammo	Integer	NN	Determines how much your gun can shoot before reloading
LoadedAmmo	Integer	NN	Determines how much ammo your gun has left
ReloadSpeed	Floating point	NN.NN	Determines how fast your gun reloads
Empty	Boolean	T/F	Determines if LoadedAmmo = 0 or less
NextTimeToFire	Floating Point	NN.NN	Determines how long you can fire again ($1/\text{FireRate}$)
Cam	Object (Camera)		The main camera
Gunshot	Object(AudioSource)		The source of the gunshot audio
GlockShot	Object(AudioClip)		The gunshot sound
Flash	Object(ParticleSystem)		The particle system that acts as the gun flash
ShotgunShot	Object(AudioClip)		Audio clip for shotgun model
ARShot	Object(AudioClip)		Audio clip for AR model
Pow	Object(AudioListener)		Listener for the audio

example validation

2.50, 100 Any positive number

15.00, 5.50 Any positive number

25.00, 0.333 Any positive number

31, 2 Any positive whole number

24, 1 Any positive whole number

7, 3 Any positive number

True, False Either True or False

3, 1 Any positive number

Any camera object

Any audio source object

Any audio clip

Any particle system

Any audio clip

Any audio clip

Any audio listener