

- **PP-19-01-Vityaz-SN**

- Damanstudios**

about damanstudios2
members2

- **PP-19-01-Vityaz-SN**

About the gun3
The gun ingame4
Classnames5

- **How we did it**

Behind the scenes7
Interesting facts7



Damanstudios

about damanstudios

damanstudios does stand for small group of addonmakers, namely modleader Eric_D, mission editor Andy Tyler and modeler DaMan.

The team does not consist of strangers, all of the members know each other in real life and are befriended. Since we are no nerds or something close to that, you have to accept that we follow a “party&real-life before PCs” policy and that’s the reason why updates consume a great amount of time. Still we are dedicated and won’t let you down, if there is some serious error in one of our addons.

Each member is American citizen. The team is located in Hesse, Germany.

the members

Eric_D

is motivated and ambitious. Is taking the lead and likes that.

Favorite motto: “Getting Goals Accomplished”

Andy Tyler

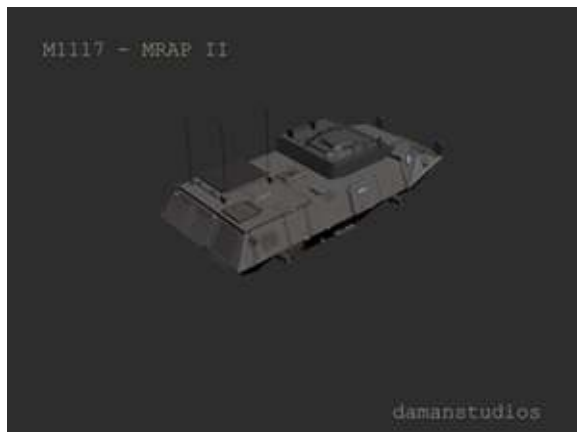
same as above. Is taking care of the missions. What more can I say?

Favorite motto: “I seize what I want”

DaMan

there is really no difference between the 3.

Favorite motto: “Don’t snitch.”₁



₁“Boondocks Episode: No Snitching”

PP-19-01-Vityaz-SN

About the gun

The PP-19-01 Vityaz submachine gun is a modification of the Bizon-2-01 submachine gun, fed from 30-rounds box magazine instead of helical one. 70% parts of the Vityaz are interchangeable with AK-74M assault rifle and Bison-2-01. The PP-19-01 may use also Russian 9mm x 19 ammunition - 7N21 and 7N31. Weight 3.0 kg. The full length is 69cm, theoretical rate of fire 750 rpm, rate of fire automatic fire - 120 rpm, single fire - 40 rpm. Muzzle velocity: 7N21 - 370 ms, 9mm x 19 - 500 ms. ₂

That pretty much sums it up. The Vityaz-SN is used by OMON, the Russian SWAT counterpart since 2007. That makes it a relative new weapon. It performs better than the German MP5A5, since it is accurate up to 200 meters.



The gun ingame

It is accurately modeled after its real-life counterpart. Like in reality, the gun is accurate up to 200 meters. To shoot an unarmored combatant at distances under 100 meters, it normally requires 1 shot in the chest to take the target down.

However, a second shot is strongly recommended, even more with armored combatants, since the 9mm does not always drop the person on the first shot.

It's safe to say, 2 shots are required at all times.

It is controllable in fully auto up to 60 meters, after that the rather strong recoil brings the bullets out of its flying part and a miss is more likely.

The muzzle flash is even with the compensator, big enough to give out your position at night.

The wooden version's performance, does not differ from the original, black one.



Classnames

Vityaz - SN black	VityazSN	30rnd_9x19_VityazSN	30rnd_9x19_VityazSN_tracer
Vityaz - SN wooden	VityazKN	30rnd_9x19_VityazSN	30rnd_9x19_VityazSN_tracer

The tracer rounds come every 2 rounds if selected and are of yellow color.

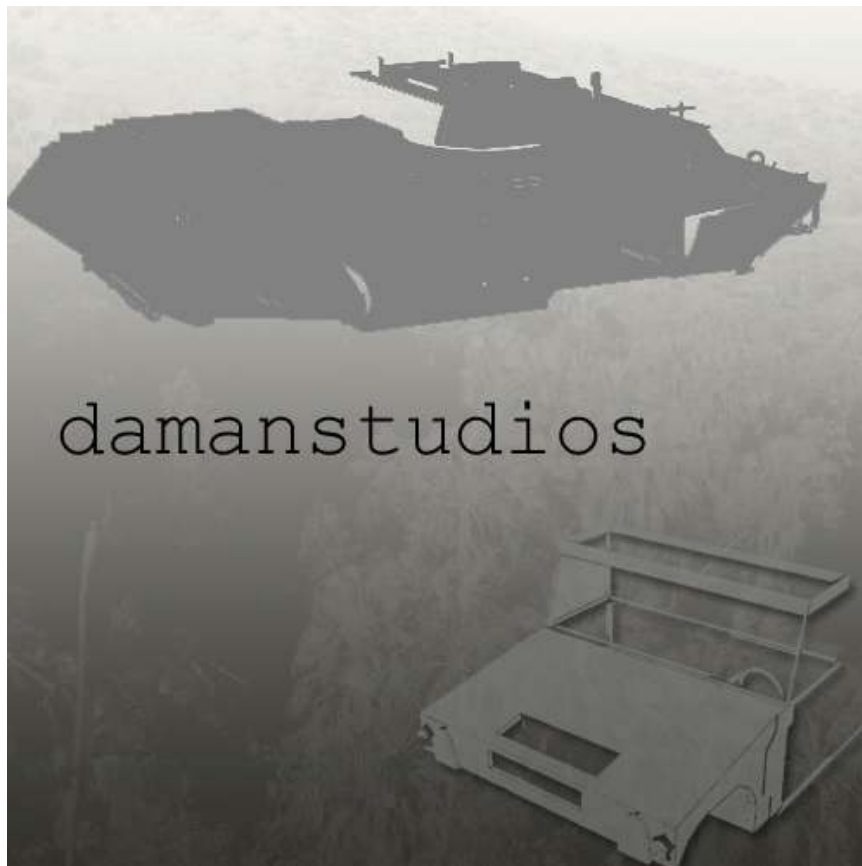


How we did it

We've used the commercial available 3ds Max 9, 3ds Max 2010, V-Ray, Adobe Photoshop CS3 +CS4 tools for our models and artwork.

Official tools in our use: Oxygen O², BinPbo, DSS Createkeys, TexView2, Pac2Pal

Community tools we frequently use: PboView



Bibliography

world-guns.ru

(<http://world.guns.ru/smg/smg97-e.htm>)

izmash.ru

(<http://www.izmash.ru/eng/product/vityaz.shtml>)

securityarms.com

(<http://www.securityarms.com/forums/showthread.php?t=649>)