



Pan Zhanle laughed at the Australian c...

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have one feature: either the optical sight is placed on the mechanical rear sight, or a handguard with a Picatinny rail is added, and the optical sight is then installed on the handguard. Modifications that are far from the pupil are actually not good for ergonomics, and this is just a stopgap measure.



The Type 81 automatic rifle with a scope is rare.

The Type 81 automatic rifle still used a steel-wood structure when engineering plastics had already become widely popular. Due to national conditions, it was not possible to use an optical sight as standard equipment. Moreover, there was no need to set up a reserved rail frame, which resulted in limited modification space for the Type 81. Although the "standard" optical sight for the Type 81 automatic rifle was designed and produced around the mid-1980s, there are still no photos of large-scale installation. There is only a slightly blurred black-and-white photo that proves that it appeared after 1985. There is even less data on this sight. Its instruction manual was written in October 2000, which makes it even more difficult to verify the specific time of mass production and equipment.



However, there are many negative reviews about it: the scope does not use the Kepler aiming system, and there is no prism group in the barrel, so the structure is simple, cheap and easy to manufacture. And because the Kepler aiming system is not used, the target object will be deformed when observing the target object through the sight, and the field of view is extremely narrow. The objective lens is orange-red due to the coating and is easy to reflect light; the eyepiece is also due to the coating process, which makes the observed object bluish blue.



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the bridge. If you want to disassemble the gun, you may have to remove the sight before disassembling the gun. If you remove the sight and then put it back, you need to recalibrate it. What's more, this kind of sight is simply fixed on the rear receiver cover, and it will be accompanied by violent shaking when shooting, so it is not very helpful for improving accuracy.



The "August 81" with a scope installed is rare

Undoubtedly, although it is not easy to mass produce and distribute such a sight, the opportunity to use such a sight was even rarer at that time. The simple sight is not effective. After unpacking, it takes a lot of manpower to maintain it. In addition, the combat environment does not allow large-scale use of sights, and it is easy to cause damage. Soldiers do not need to contact and familiarize themselves with the use of this sight. Perhaps it is because of these reasons that the troops do not like to use the sights issued by the Type 81, which makes it rare.



Type 81 rifle with Type 97-3 scope

The Type 97-3 sight, developed at the end of the last century for use by the armed police in special environments, is the "peak" of the Type 81 rifle standard sight. Why do you say that? Because with the birth of the Type 97-3 sight, the dedicated side-fixed L-shaped sight bridge appeared. In this way, the problem of the rear sight shaking with the gun during shooting has been solved. Its appearance is a bit unique, and it looks like two sights installed together at the same time. In fact, it is not the case. The upper cylinder is a laser indicator, which only has the function of emitting red lasers and is used to indicate targets at night. The lower cylinder is a

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various reasons such as cost and performance, the Type 97-3 sight was not finally installed.



The handguard has a very long travel Picatinny rail

Perhaps the most famous modification is the following one. Its handguard has an extremely long Picatinny rail, and a handle similar to the Type 95 automatic rifle is added, with a diffraction holographic sight installed above the handle. The position of the handguard obviously hinders the normal operation of the bolt handle, so the bolt handle is specially changed to an upper bolt handle similar to the Type 95 automatic rifle. But from a layman's perspective, it can be seen that although this modification uses the barrel for reinforcement, the length of the Picatinny rail is too long and useless, and the large size of the handguard will also cause the center of gravity of the gun to change.



**Modernization is not necessary except for foreign trade**

Today, most Type 81 automatic rifles have been withdrawn from active service, and only a few second-line units and border defense units are using them. Units that use Type 81 automatic rifles are unlikely to use them on the battlefield. Moreover, now that Type 95-1 automatic rifles have been widely used, the modernization of Type 81 automatic rifles is unnecessary except for foreign trade.

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CS/LR14 automatic assault rifle

Why do you say "there is no need for it except for foreign trade"? Because it happened that the modernized version of the Type 81 automatic rifle, the CS/LR14 automatic assault rifle, was exhibited at the 2014 Beijing Police Exhibition, which just met the military fans' imagination of modernizing the Type 81 automatic rifle! Although the CS/LR-14 automatic rifle fires 7.62×51mmNATO rifle bullets, its appearance still bears a strong shadow of the Type 81 automatic rifle. Its shape is very different from the Type 81 automatic rifle, and its more significant "modernized" feature is that it has Picatinny rails on the top of the receiver cover and around the handguard that can connect various tactical accessories. Its exhibition really made military fans shine.

summary



Generally speaking, the modernization of the Type 81 automatic rifle was basically carried out in a transitional period between the birth of the Type 95 automatic rifle and its large-scale popularization. The unsuccessful tests during this transitional period also provided some practical opportunities for my country's light weapons industry: under the military expenditure conditions at the time, the popular sights that had to be developed in order to meet the cost and performance requirements were the results of such practices. However, such modernization practices have explored some detours for the subsequent development of my country's light weapons.

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hat bother me: one, there is no empty chamber, two, the neck is sore after aiming f  
or a long time, and three, it is difficult to hold the gun steadily when practicing assa  
ssination.

Beijing Netizen July 20, 2020 reply



Bear.

4

The first two points you mentioned have been improved on the 95-1, except f  
or the bayonet, which is outdated in modern warfare.

Shandong Netizen July 21, 2020 1 Reply



White Water Image

1

Not left-handed friendly

Netizens July 21, 2020 1 Reply



Jay

6

In terms of counterattack against India, the 81 cylinder is much better than the 95.  
Not to mention the convenience, adding a bayonet is like a child holding a knife.

Shaanxi Netizens July 20, 2020 reply



Tencent Netizen

♡

Do you understand modern warfare?

Jiangsu Netizen July 29, 2020 2 Replies



@Bo Zai

1

Adding a grip is a joke, my left hand is almost straight

Beijing Netizen July 21, 2020 reply



Kuromorimine Academy

♡

In long-term use, the Type 81 automatic rifle has also exposed some shortcomings:  
1. Since the original design was based on the existing production technology and e  
quipment of the PLA military industrial enterprises, it can be quickly mass-produced  
and ensure stable quality to meet the needs of war, so advanced materials and proc  
esses were not used, and the processing technology level of the gu ... [Expand](#)

Sichuan Netizens July 20, 2020 reply



Tencent Netizen

1

You are not practical. In World War II, German Panther Tiger tanks all used optical si  
ghts. They were invincible on the battlefield. Guns and cannons all have effective ra  
nges. For example, the effective range of the Type 81 is less than 500 meters. With a  
Zeiss optical zoom sight, you can zoom in and aim at distant enemies, which often  
makes people misjudge the distance. For example, the target is obviously beyond t  
he effective range, but it can be zoomed in through the sight to make people think  
it is only a few dozen meters away. Ignoring the problem of bullet drop, and thus m  
issing the target.

Jiangsu Netizen July 20, 2020 reply



Nanman Mushroom

3

81-With the added aiming, it can be used as a precision rifle on duty, and can  
still knock people down at 800 meters.

Guanadong Netiz... July 20, 2020 3 Replies



Monsanto Demon

♡

And you are also a talent if you use aiming without adjusting the position

Heilongjiang Netiz... July 21, 2020 reply

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