

# Quiet opening and closing of trays

A common mechanism is used for the decks of AKAI and A & D's GX series GX-93, GX-73, GX-Z9000, GX-Z7000, GX-Z9100 (EX / EV), and GX-Z700 (EX / EV). I am.

We have repaired hundreds of units so far, but I think that it is a very excellent deck mechanism with a simple design and easy maintenance.

However, due to the nature of analog equipment, it has some weak points and requires regular maintenance such as replacement of rubber belts. One of them is a cam motor.

The models listed above are equipped with three motors, the first is a reel motor, the second is a capstan motor, and the third is a cam motor that controls the top and bottom of the head and the opening and closing of the tray.

Although these motors rarely cause fatal failure, this cam motor is accompanied by abnormal noise due to deterioration of the bearings. The sound makes me feel a little unpleasant with the feeling of "Gee".

It seems that the manufacturer was aware of this, and the motor has been improved in the final model EV series.

Therefore, if an abnormal noise occurs in an earlier model, I will replace it with this motor, but some processing is required.



The sizes are almost the same, but the positions of the mounting holes and the size of the screws are slightly different.



Therefore, some processing is required for the mounting part of the motor. Enlarge the hole (3 mm), change the mounting screw, and machine a long hole.



I was able to install it successfully. It's a very quiet operation sound and I feel great.

What is the condition of your deck?