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**Tokyo Motor Show 2009**

## Remote Touch Controller

— **A user-friendly human machine interface that helps to ease driver workload** —

DENSO Corporation has developed a new user-friendly, human machine interface (HMI) called the Remote Touch Controller, which features a two-dimensional cursor on the display screen. The device, similar to a joystick and located in the vehicle's center console, allows the driver to remotely control cabin equipment, such as the car navigation, audio and air conditioning systems. DENSO's Remote Touch Controller is the world's first such controller for vehicles with a two-dimensional cursor on the display screen.

The new controller has a computer mouse-like pointing device that moves the cursor on the display screen to select buttons, icons, and other interface elements. This more user-friendly HMI allows the driver to remotely operate cabin equipment more easily and accurately, helping to ease driver workload. DENSO's Remote Touch Controller has two electric motors that simulate a "clicking" feeling as if the cursor is drawn toward the target button when moving the cursor closer to the graphical symbol on the display.

The new controller is installed on the Lexus RX 450h/350 and HS 250, which Toyota Motor Corporation introduced in 2009.

### Installation image of Remote Touch Controller

