2.3 Remote Control Desk and Remote Console

2.3.1 Remote Control Desk

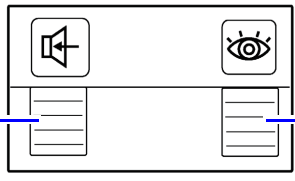**2**

No.	Name	Function
1	Microphone	Your voice is heard from the speaker in the examination room when the intercom foot switch is being pressed down.
2	Acquisition monitor	Images being acquired are displayed in real time.
3	Reference monitor	Displays images whose acquisition is complete and examination control data.
4	Speaker	Transmits sound from the examination room.
5	Operation cabinet	This is the control cabinet of the digital radiography unit.
6	Foot switch	The microphone is enabled when the intercom foot switch (left) is pressed down. Fluoroscopy is performed when the fluoroscopy foot switch (right) is pressed down while the remote console's ☒ button is lit up.
7	Remote console	This is a console to operate the equipment from outside the examination room. ☞ Reference P.2-8

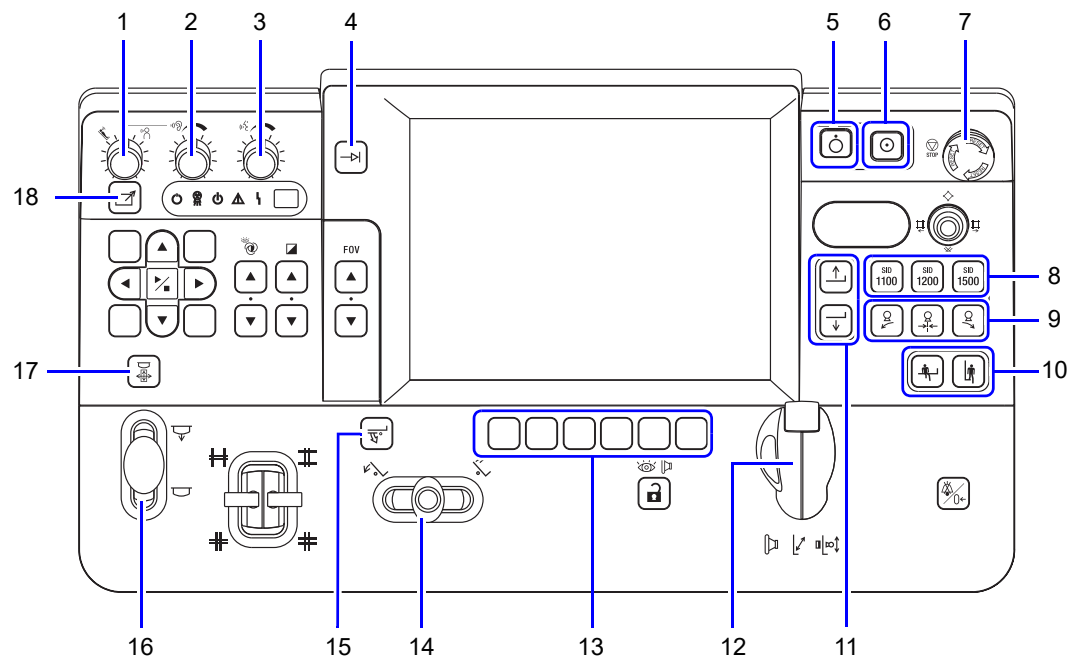| No.	Name	Function
8	Hand switch	This is a two-stage switch for X-ray radiography. When 👁 on the remote console is lit and this switch is pushed down to the first level, the equipment is in a state of readiness for radiography. When this switch is pushed down to the second level, radiography is performed. Stage 1 Stage 2

2.3.2 Remote Console

This is a console to operate the equipment from outside the examination room.
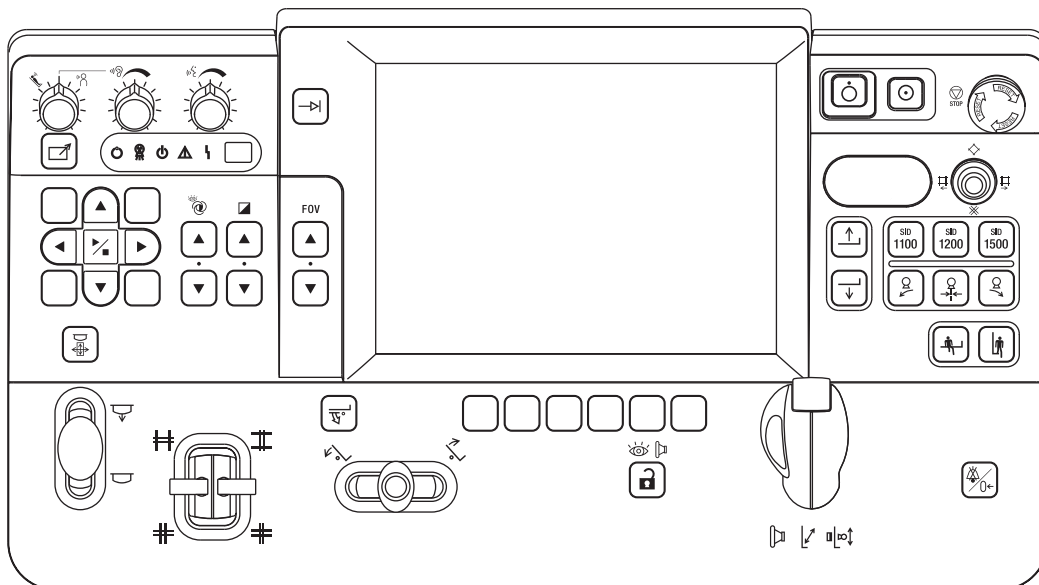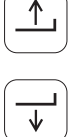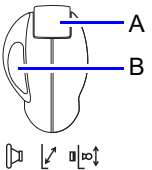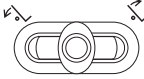
Some of the buttons and levers on the console are connected with the movement of the X-ray diagnostic table and some are connected with X-ray irradiation. They are explained according to function.
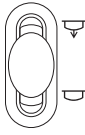
☞ **Reference** "Controls that Operate the X-ray Diagnostic Table" P.2-9

"Controls Related to Fluoroscopy and Radiography" P.2-12

■ Controls that Operate the X-ray Diagnostic Table

No.	Form	Name	Function
1		Balance adjustment dial	Adjusts the mixing balance between the microphone installed in the tabletop and the auxiliary microphone. Mixing is increased for the tabletop microphone when the dial is turned towards 🕿, and increased for the auxiliary microphone when the dial is turned towards 🔊. ☞ **Reference** P.4-83
2		Control room speaker volume adjustment dial	Adjusts the volume of the control room speaker. Turning it to the right increases the volume, and turning it to the left lowers the volume. ☞ **Reference** P.4-83
3		Examination room speaker volume adjustment dial	Adjusts the volume of the examination room speaker. Turning it to the right increases the volume, and turning it to the left lowers the volume. ☞ **Reference** P.4-83
4		Set button[*1]	Used with the position memory function. ☞ **Reference** P.4-66 Moves the X-ray tube and FPD to the radiography start point in the SLOT radiography (option). ☞ **Reference** P.4-181
5		Power OFF button	Turns the system's power off. ☞ **Reference** P.4-40
6		Power ON button	Turns the system's power on. ☞ **Reference** P.4-39
7		Emergency stop button	Brings the movement of the X-ray diagnostic table to an emergency stop. ☞ **Reference** P.5-2

No.	Form	Name	Function
8	SID 1100 SID 1200 SID 1500	SID switchover buttons	Sets the distance of the FPD input surface from the focal spot of the X-ray tube unit. * For the system with the SID 1.8MT, the option is different. ☞ **Reference** P.4-65
9	(oblique projection button icons)	Oblique projection buttons[*1]	Controls the oblique projection angle of the X-ray tube unit. (icon) slants the X-ray tube unit towards the patient's head and (icon) slants it towards the feet. (icon) returns the X-ray tube unit back to the center from the slanted position. ☞ **Reference** P.4-65
10	(tabletop return icons)	Tabletop return buttons[*1]	Returns the tabletop slant and height to the set position. (icon) returns the tabletop to the horizontal position and to the height set when it was installed. (icon) moves the tabletop to the vertical position. ☞ **Reference** P.4-66
11	(up arrow icon) (down arrow icon)	Raise tabletop button[*1] Lower tabletop button[*1]	(icon) raises the tabletop and (icon) lowers it. ☞ **Reference** P.4-60
12	(lever with A and B labels)	Tabletop and imaging unit control lever[*1,*2]	When tilted to the left or right, the tabletop moves to the left or right. When tilted up or down, the imaging unit moves up or down. A: Radiography button B: Button to change the speed of the tabletop's movement to the left or right ☞ **Reference** P.4-58, P.4-64
13	(blank button)	Customizable buttons	You can assign frequently used functions to these buttons. ☞ **Reference** P.2-26
14	(tilting lever icon)	Tabletop tilting lever[*1]	Tilts the tabletop. It is operated while holding down the button on the top of the lever. When it is moved to the right, the tabletop is tilted in a vertical direction. It is tilted in the opposite direction when the lever is moved to the left. ☞ **Reference** P.4-54
15	(reverse tilt icon)	Tabletop reverse tilt check button	Press when reversing the tilt of the tabletop. When the button is pressed and lit up, the tilt can be reversed using the tabletop tilting lever. ☞ **Reference** P.4-56

No.	Form	Name	Function
16		Compression unit control lever[*1]	Controls the compression unit. Push forward to apply compression on the patient. Pull towards you to return the compression unit to its original position. ☞ Reference P.4-71
17		Squeeze compression button	Use this when applying "squeeze compression". ☞ Reference P.4-72
18		Operational button	When this button is lit up, the X-ray diagnostic table and X-ray exposure can be controlled by the remote console. ☞ Reference P.4-53

∗1: Only moves while the button is being pressed or the lever is being operated.
∗2: In the Smart FOV mode (option), the behavior in the right-and-left direction is different
☞ Reference "4.12.3.1 Smart FOV (Option)" P.4-130

2