



# PF-NOTE<sub>v2</sub>

POWER FEEDBACK NOTE

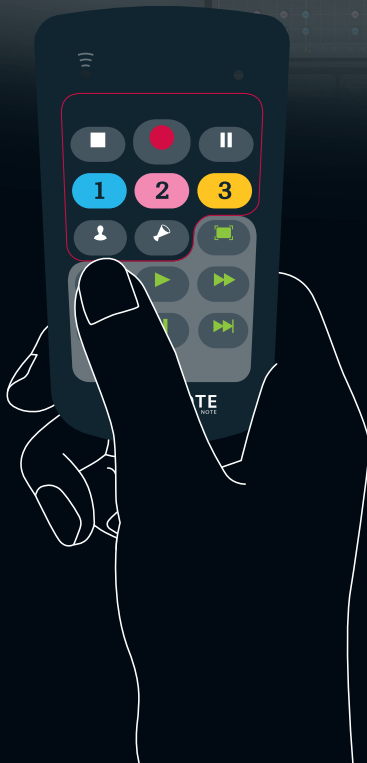
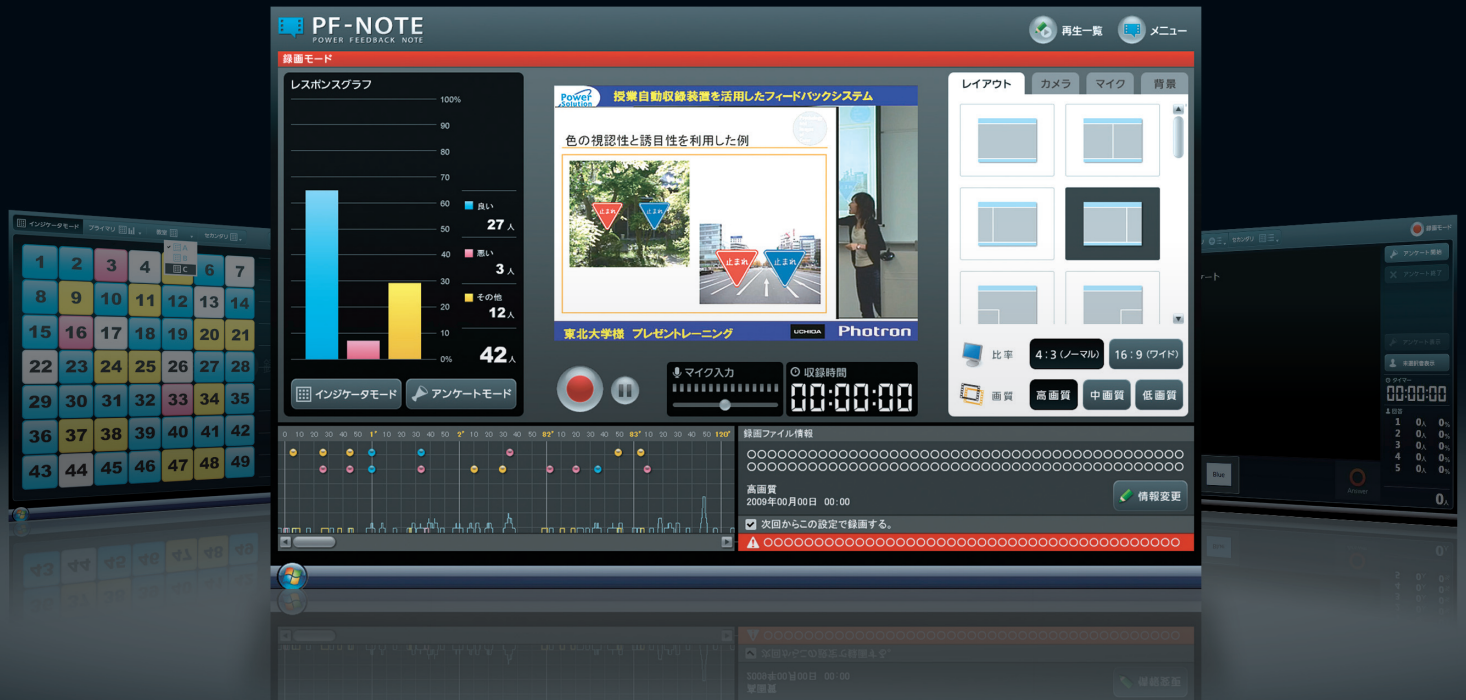


New study space



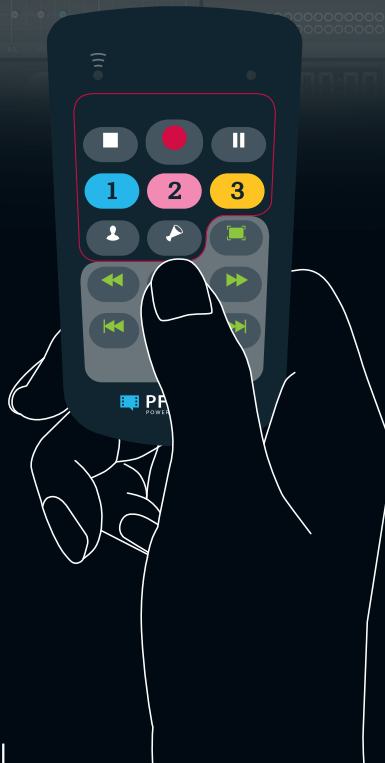
**Feedback support tool that enables the reaction of instructors and students to be instantaneously recorded or played back together with the class record.**

Easy recording of all students' opinions and  
objective analysis of classes by video images!



Point 1 | Easy to use

Classes recorded  
with a single operation



Point 2 | Visible evidence

Student reaction recorded  
in real time



Point 3 | Easy application

Analysis/evaluation  
of student reaction

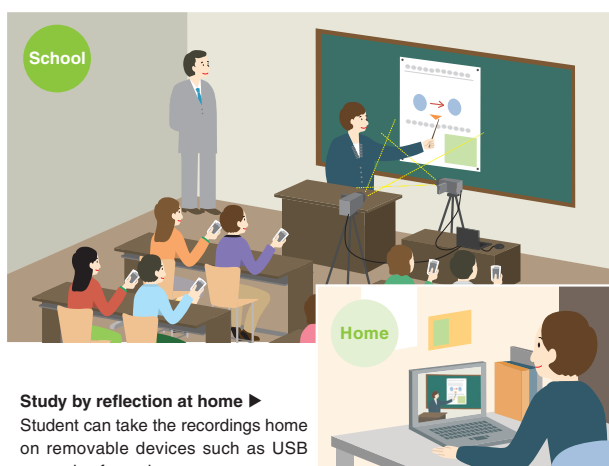
## How about conducting class like this?

### Classes, presentations, etc.

- Have students in large classes or multiple classrooms participate proactively.
- Have student express personal ideas and opinions and share them in class.
- Enhance students' interest and motivation.
- Accurately convey to student what is good or bad about their presentations.

#### [ Scene 1 ]

##### Presentation training



##### Study by reflection at home ►

Student can take the recordings home on removable devices such as USB memories for review.

Instructors or other students can record points they notice during the student's presentation using a clicker. Feedback can be replayed immediately after recording.

### Reflection, self-instruction, etc.

- Reflecting on what was effective in class and what needs improvement.
- Helps student review classes and prepare for tests.

#### [ Scene 2 ]

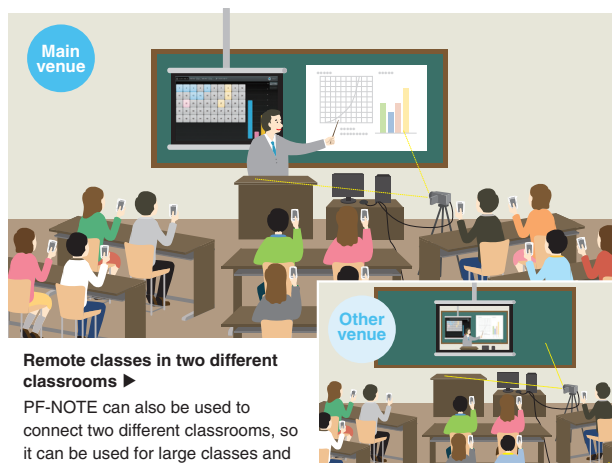
##### Medical training



Practical training is an important part of education which helps students translate what they learn into the real world. Practical training in and of itself is not internalized without some sort of aid. Using PF-NOTE enables the student to see himself on video during training and therefore helps the student to internalize the experience. The student can take the data home to review as often and whenever he likes.

#### [ Scene 3 ]

##### Use for classes and presentations



##### Remote classes in two different classrooms ►

PF-NOTE can also be used to connect two different classrooms, so it can be used for large classes and lectures as well.

The instructor can check students' comprehension at any time by checking student reaction during class with a clicker. The student can also bookmark places that he did not understand for subsequent review.

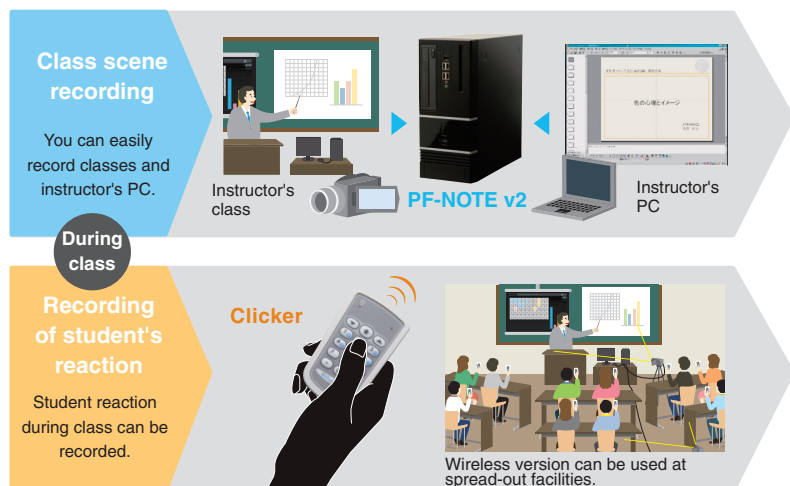
#### [ Scene 4 ]

##### Job interview practice



While recording the practice interview, the student can bookmark places that need more work. The contents can be played back immediately after recording, and the student can go right to the bookmarked places or scenes.

## ▼ Features of PF-NOTE



**Feedback about classes**

Student reaction can be seen so it can be used for future reference.

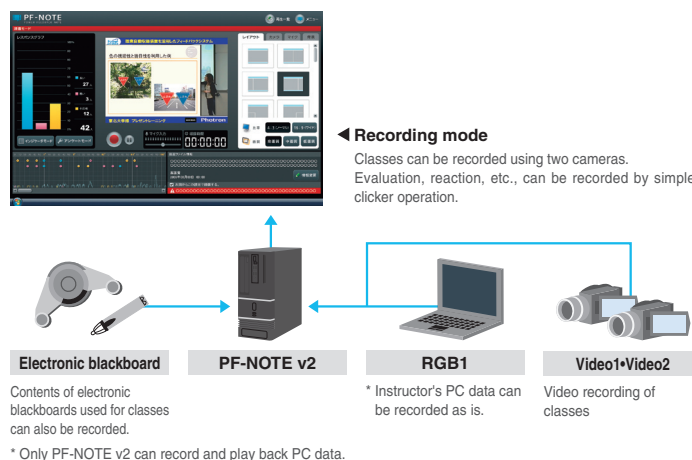
**Reaction in graphic representation**

Instructor/students can display results with a clicker while replaying class recordings. The reaction results can be expressed as a graph so they can be confirmed at a glance; aids when reviewing later on.

### Point 1 | Classes recorded with a single operation |

## Entire even can be conveniently recorded in high definition with ease.

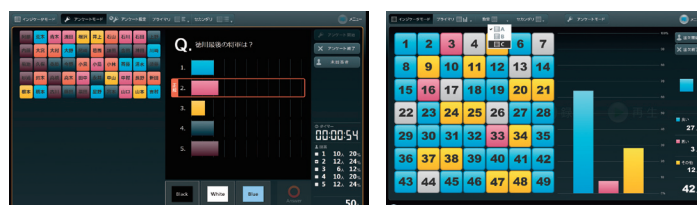
- Audiovisual data such as computer screen, blackboard, or presentation equipment saved as a video file in real time.
- Recording started by simply pressing a button. Screen layout can be also be easily switched.
- Contents don't require editing after recording so they can be used right then and there.



### Point 2 | Student reaction recorded in real time |

## Student reaction can be gaged instantaneously and shared in the class.

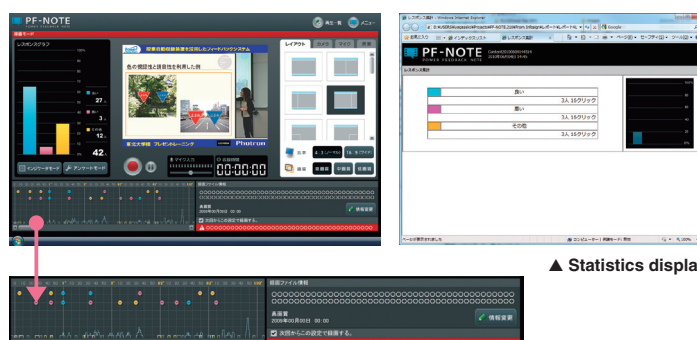
- Student reaction can be recorded at any time using a wireless clicker.
- Reactions that offer clues as to whether or not contents of classes are understood well or not can be recorded in real time.
- Student reaction can be obtained during or after class in the form of a questionnaire.
- Roll call can be accomplished by clicker using the roll call support function.



### Point 3 | Analysis/evaluation of student reaction |

## Separate review of important parts of class

- Because you can record student reaction together with the class, you can see what students don't understand or what they are interested in while viewing the class scene.
- Instructors can confirm what was effective and what needs to be improved from the student reactions.
- The data generated when the instructor or TA presses the clicker can be recorded as a thumbnail. If the instructor records important point during the class, the students can use them for subsequent review.





## Enables large classes as well to proceed interactively.

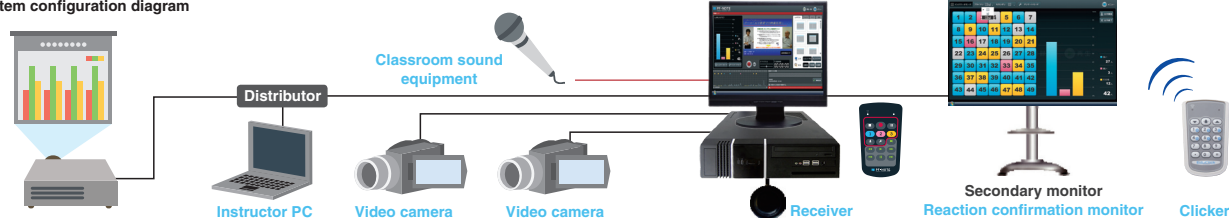
While recording the class (video image, PC screen, etc.), the instructor or students can easily bookmark instants where they have doubts using a clicker and play them back later. Instructors and students can create video contents to support learning as soon as the class is complete, find and view the desired portions from reaction data, and provide feedback on the reaction data.

### Making use of PF-NOTE | Can be used for the following: !

Conventional classes, large classes, remote classes, national examinations, lecture presentations, employee training, orientation sessions, questionnaire surveys, psychological tests, weddings, television programs, entertainment events, etc.



#### ▼ System configuration diagram



## Presentations can be analyzed and guidance provided after the fact.

Places that require guidance or improvement can be bookmarked while recording video with two synchronized cameras. You can go right to the bookmarked places when training is complete, objectively analyze your own image, or provide feedback on study points such as practical techniques with ease.

### Making use of PF-NOTE | Can be used for the following: !

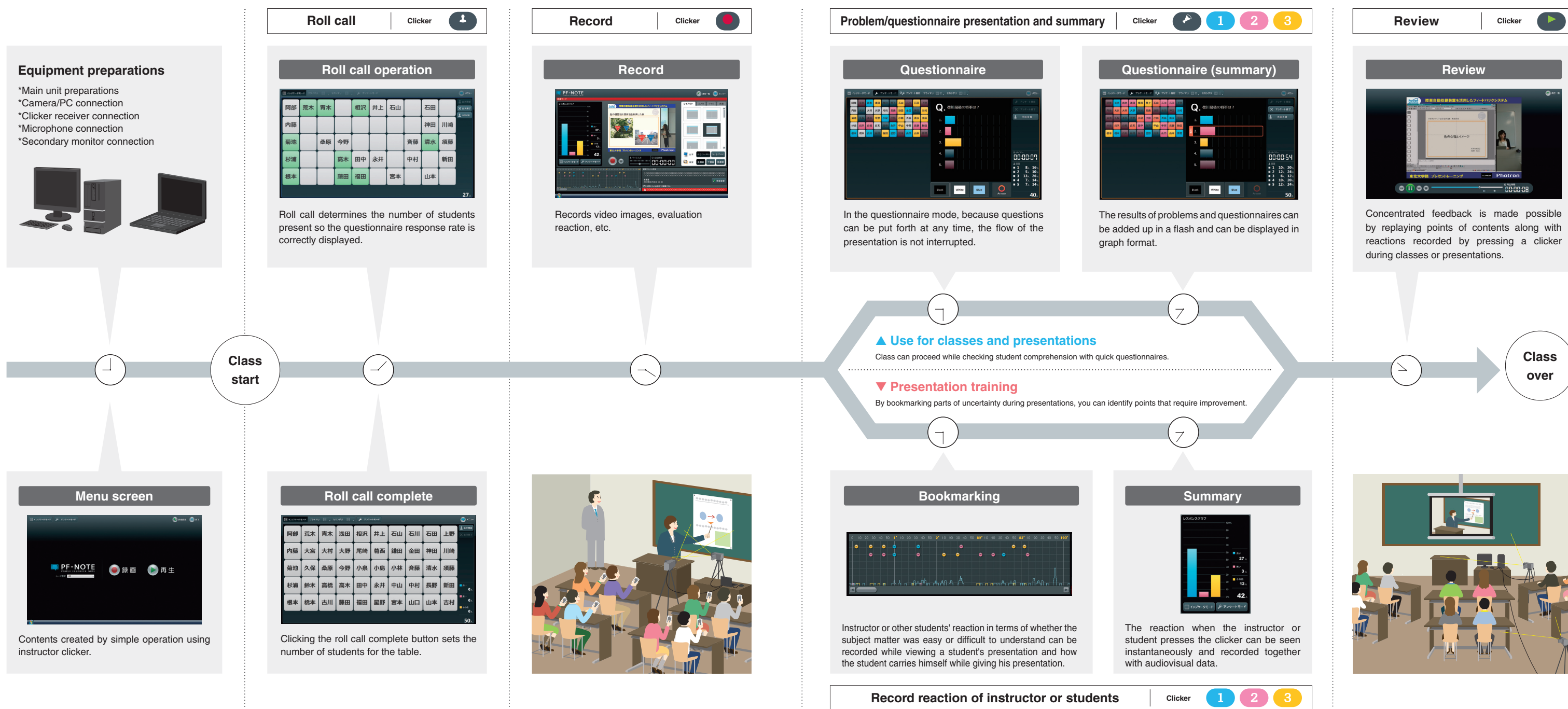
Presentations, job interviews, mock classes, medical interviews, OSCE measures, nurse training, mock pharmacies, moot court, mock consultations, mock negotiations, research paper presentations, English presentations, sports related gatherings, trainer education, debates, sales role playing, announcer training, etc.



#### ▼ System configuration diagram

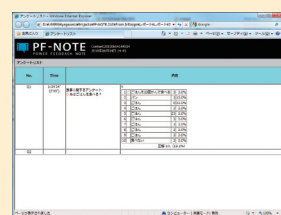


Enables you to record/playback contents, attend events, conduct questionnaire surveys, etc. Also offers an abundance of functions that help you review after classes.



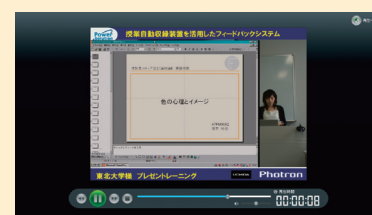
Data can be brought home on a USB storage device and played back at home without installing special software. Students can review focusing on their own special points.

When class is over



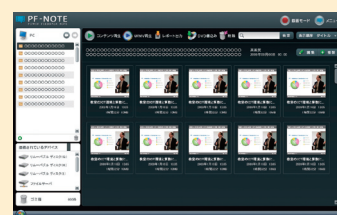
#### ■ Questionnaire summary

By looking back on the recorded questionnaires, the instructor can confirm students' understanding of the subject matter.



#### ■ Contents playback

Contents are complete as soon as the recording stops! Video playback can be fast-forwarded, skipped to bookmarks or enlarged on the screen. Student clicker information can also be output or contents added, etc.



#### ■ Comment entry

You can record comments at desired positions of practical training videos while playing them back. This enables you to create easy-to-understand video data with evaluation comments and guidance points.



#### ■ Improvement of teaching ability

Bookmarked places can be checked along with the recorded video, so they can be reviewed objectively to evaluate effectiveness and persuasiveness of an instructor's teaching.



#### ■ Review study

You can take video data home (DVD removable media) and review as many times as you like. By inputting your own student number, you can conveniently extract your own bookmarks for playback.



## ▼ PF-NOTE product specifications



### PF-NOTE v2

Model No.	Product	Main unit price (tax included)
4-800-0735	PF-NOTE v2 clicker (set of 5)	Open price
4-800-0736	PF-NOTE v2 clicker (set of 50)	Open price
4-800-0737	PF-NOTE v2 clicker (set of 100)	Open price
4-800-0738	PF-NOTE v2 clicker (set of 200)	Open price



### PF-NOTE v2 portable

Model No.	Product	Main unit price (tax included)
4-800-0731	PF-NOTE v2 portable clicker (set of 5)	Open price
4-800-0732	PF-NOTE v2 portable clicker (set of 50)	Open price
4-800-0733	PF-NOTE v2 portable clicker (set of 100)	Open price
4-800-0734	PF-NOTE v2 portable clicker (set of 200)	Open price

#### ▼ Accessories



#### ▼ Accessories



Dimensions	140 (W) x 317 (D) x 323 (H) mm
Recording format	Windows Media Video
Price	Open price
Main application	Large classes, mock classes, presentation practice
Memory	DDR2 SDRAM 4GB PC6400 (FSB800MHz, 2Gx2, dual channel support, max. 4GB)
Hard disk	250G Serial ATA II HDD
I/O (Front)	USB Microphone input x 1, line output x 1
	Sound USB2.0x4
I/O (Rear)	USB USB2.0x4
	Video input NTSC analog composite video signal (RCA connector) x 2 Digital/analog RGB x 1
	Video output Digital monitor (DVI) x 2
	Sound Microphone input x 1, line output x 1, line input x 1
	Other PS/2 port, serial, LAN
OS	Windows Vista Business Service Pack 1

Dimensions	374 (W) x 245 (D) x 37 (H) mm
Recording format	Windows Media Video
No. of video inputs	2 (USB connection)
Price	Open price
Main application	Mock class, presentation practice, instructor training
Memory	Capacity/Standards 4GB PC3-8500 (DDR3 SO-DIMM, 2GB x2, dual channel, max. 4GB)
	No. of slots 2 (open 0)
Chip set	Mobile Intel® PM45 Express chip set
Hard disk	250GB, 5400 rpm, 2.5" (SATA)
Modem	56 kbps analog modem
Built-in battery	Lithium ion battery (approx. 3 hrs)
Security	Fingerprint authentication security function anti-theft Kensington® Lock mounting opening
I/O	USB USB 2.0x4
	Video output Analog (D-Sub 15-pin) x 1, digital (HDMI x 1)
	Sound Microphone input x 1, line output x 1
OS	Windows Vista Business Service Pack 1

#### PF-NOTE additional accessories

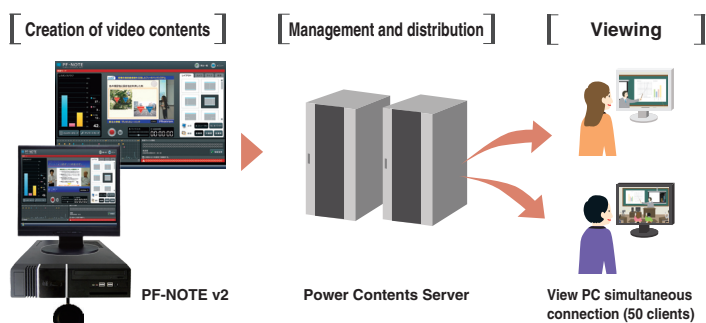
Model No.	Product	Main unit price (tax included)
4-800-0719	PF-NOTE student clicker 5 pack	Open price
4-800-0720	PF-NOTE instructor clicker	Open price
4-800-0721	PF-NOTE RF receiver w/ 6m USB cable	Open price

Model No.	Product	Main unit price (tax included)
4-800-9999	PF-NOTE IT wagon	Open price
5-150-0111	CRT connection kit FD arm 2V17L (VESA100)	Open price

## ▼ Optional

### Power Contents Server

PF-NOTE video data is compatible with Power Contents Server (Phototron Limited), so lecture videos can be managed and distributed by Power Contents Server.



### Usage environment

Contents management	OS	Red Hat® Enterprise Linux Server v5 Standard
	CPU	Dual Core Intel® Xeon® Processor 5110 1.6GHz or higher
	Memory	2GB or more
Server environment (Standard system configuration)	HDD	System space 12GB or more (necessary separate data space capacity, RAID configuration recommended)
	OS	Microsoft® Windows® Server 2003 R2 Standard Edition (Japanese version) or higher
	CPU	Dual Core Intel® Xeon® Processor 5130 2GHz or higher
Streaming distribution Server environment (Standard system configuration)	Memory	1GB or more
	HDD	System space 12GB or more (necessary separate data space capacity, RAID configuration recommended)
PC environment for browsing	OS	Microsoft® Windows® Vista Microsoft® Windows® XP SP2 or higher
	CPU	Intel® Pentium® 4 processor or higher
	Memory	512MB or more
	Browser	Internet Explorer 6.0 SP2 or higher
	Video player	Microsoft® Windows Media® Player 9 or later must be installed. (Streaming data is in Microsoft® Windows Media® Video format.)