

Multifunctional device

with the following modes:

- copier
- scanner
- printer

high colour fidelity with function copier

$LCh^* \rightarrow rgb \rightarrow rgb^* \rightarrow rgb^* \rightarrow LCh^*$

scanner

user wish:
 $rgb \rightarrow rgb^*$

printer

user wish:
 $rgb^* \rightarrow LCh^*$

— lower colour fidelity
— high colour fidelity

File output

$rgb \Rightarrow \cancel{rgb^*} ?$

File input

$rgb \Rightarrow \cancel{rgb^*} ?$