protocol (as far as I can guess):

A byte that is sent to the box has the following format:
        bit 0: state of light nr 1 (1 is on) if bit 6 is also set
        bit 1: state of light nr 2 (1 is on) if bit 6 is also set
        bit 2: state of light nr 3 (1 is on) if bit 6 is also set
        bit 3: state of light nr 4 (1 is on) if bit 6 is also set
        bit 4: state of light nr 5 (1 is on) if bit 6 is also set
        bit 5: bank selection   (1 for first bank {buttons 1..8}, 0 for second bank {buttons 9..16})
                                   (1 for first bank {lamps 1..5}, 0 for second bank {lamps 6..10})
        bit 6: if set (1), then bits 0 .. 4 set the state of the lights (not sure what happens on second bank)
        bit 7: enable all buttons if bit 5 & bit 7 are set

A byte that is received on the PC has the following format:
        bit 0: state of button 1   (or 9 if second bank was selected)
        bit 1: state of button 2   (or 10 if second bank was selected)
        bit 2: state of button 3   (or 11 if second bank was selected)
        bit 3: state of button 4   (or 12 if second bank was selected)
        bit 4: state of button 5   (or 13 if second bank was selected)
        bit 5: state of button 6 or Voice Key   (or 14 if second bank was selected)
        bit 6: state of button 7 or set if refresh rate detector is illuminated (or 15 if second bank was selected)
        bit 7: state of button 8   (or 16 if second bank was selected)

So, although I actually never used two banks (EPrime doesn't support it...), it seems that you have to keep
switching the banks yourself after receiving a byte from the PST box if you are interested in the state of
both banks.

_EERST MAO STUREN DAN
ANTWOORD DE BOX CONTINUE

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