mode parallel port (ECP+EPP).
* True 32-bit VESA Local-bus IDE controller.
* Support up to two FDDs which including 2.88MB.
* One game port.

3. Set IDE HDD Drive Speed (JP1)

Speed 0 (Slowest)	Speed 2	Speed 4	Speed 6 (Fastest)
* 1 4 / 2 5 / 3 6	1 5 / 2 4 / 3 6	1 4 / 2 5 / 3 6	1 4 / 2 5 / 3 6

JP1 drive speed settings   *:Factory setting

4. JP2 jumper

JP2

1	4	7	10	13	16	19	22	25	28	
2	5	8	11	14	17	20	23	26	29	31
3	6	9	12	15	18	21	24	27	30	32

JP2 (Pin 1-6): Parallel Port address selection
JP2 (Pin 7-12): Serial Port B address selection
JP2 (Pin 13-18): Serial Port A address selection
JP2 (Pin 19, 20, 21): FDD enable/disabled
JP2 (Pin 22, 23, 24, 28, 29, 30): SPP, ECP, EPP selection
JP2 (Pin 25, 26, 27): FDD I/O port selection
JP2 (Pin 31, 32): game port enable/disable

5. JP3 jumper

1	4	7	10	13	16	19	22	25	28	31	
2	5	8	11	14	17	20	23	26	29	32	34
3	6	9	12	15	18	21	24	27	30	33	35

JP3 (pin 1~24): Serial port IRQ Selection

JP3 (Pin 25, 26, 27): parallel IRQ selection

JP3 (Pin 28, 29, 30): ECP DMA selection

JP3 (Pin 31, 32, 33): ECP DMA Acknowledge

JP3 (Pin 34, 35): Reserved

6. Set Serial Port Address JP2 (Pin 13-18), JP2 (Pin 7-12)

(1) For Serial Port A (J3)

JP2 (Pin 13-18)	13 16	13 16	13 16	13 16
	14 17	14 17	14 17	14 17
	15 18	15 18	15 18	15 18
(Address)	*COM1(3F8H)	COM2(2F8H)	COM3(3E8H)	Disabled

(2) For Serial Port B (J2)

JP2 (Pin 7-12)	7 10	7 10	7 10	7 10
	8 11	8 11	8 11	8 11
	9 12	9 12	9 12	9 12
(Address)	*COM2(2F8H)	COM1(3FH8)	COM4(2E8H)	Disabled

*:Factory Setting

7. Set Serial Port IRQ Selection JP3 (pin 1-24)

Serial port A	1	4	7	10	13	16	*19	*22
	2	5	8	11	14	17	20	23
Serial port B	3	6	9	12	15	18	21	24
	IRQ15	IRQ12	IRQ11	IRQ10	IRQ9	IRQ5	IRQ4	IRQ3

*:Factory Setting

8. Set Parallel Port address and IRQ selection

JP2 (pin 1-6) and JP3 (pin 25-27)

JP2

| (I/O address)(3BCH) | *(378H) | (278H) | (Disabled) |

JP3

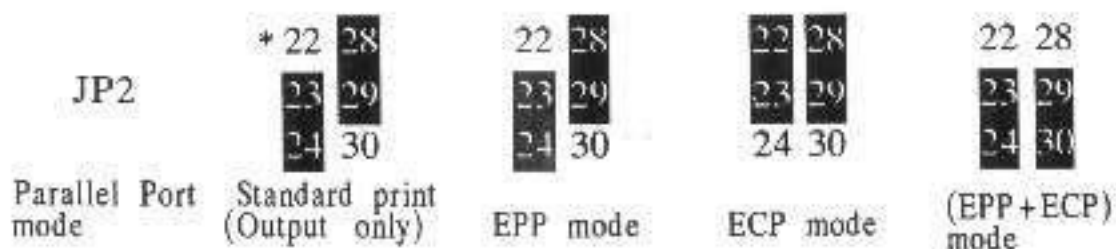| *IRQ7 | IRQ5 |
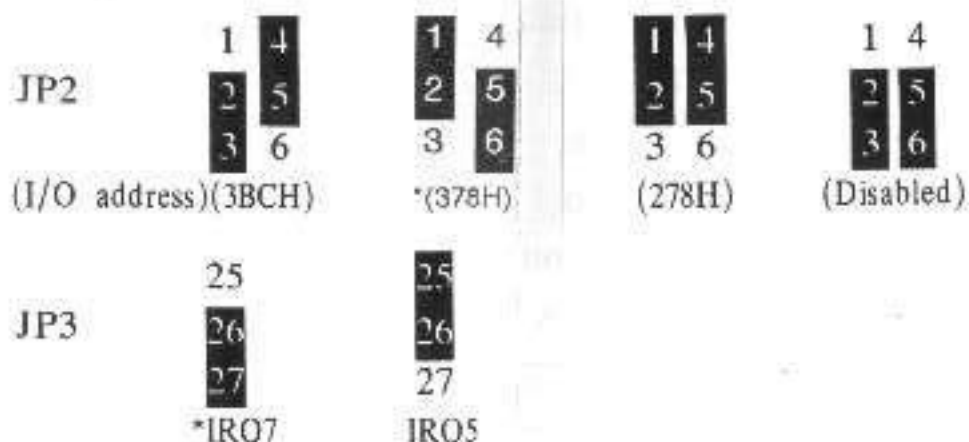
*:Factory Setting

9. Set multi-mode parallel port jumper JP2 (pin 22-24, pin 28-30)

KW-558A V66 supports high speed EPP and ECP parallel port.

JP2

| Parallel Port mode | Standard print (Output only) | EPP mode | ECP mode | (EPP+ECP) mode |

(1)ECP DMA request selection
JP3(Pin 28, 29, 30):

(2)ECP DMA acknowledge selection
JP3(Pin 31, 32, 33):

JP3

| *DMA3 | DMA1 |

JP3

| *DACK3 | DACK 1 |
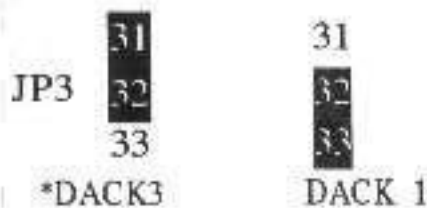
*:Factory Setting

form **a real speed test** to determine the optimal parameters, and reconfirure the device drivers for DOS, Windows and Netware automatically.

(2) To install the device drivers for DOS and Windows:
VLIDE.EXE provides a friendly interface and procedureto install the device drivers for DOS and Windows.

C. Install the device drivers.

The device drivers can be installed manually or by the installation utility.

A: >VLIDE.EXE

Install the device drivers for DOS and Windows by installation Utility-VLIDE.EXE:

You can use VLIDE.EXE to install the drivers for DOS and Windows easily: Execute the utility and refer to ralated Help Screen for more information about this utility. It is strongly recommended to install the device drivers for DOS and Windows through the installation utility.(VLIDE.EXE)

Once you have installed the device drivers by VLIDE.EXE, you will see the following prompt message on the screen:

HDD 0 setting: **Fast** Mode, Speed 5 by DEVICE DRIVER AUTOMATICALLY

HDD 1 setting: **Turbo** Mode, Speed 5 by DEVICE DRIVER AUTOMATICALLY

Where the underlined parameters will vary with the hard drive(s) attached.

Install the device drivers manually:

Copy the device drivers to proper path of your hard drive and edit the specific configuration files manually. Detailed procedures can be found in the README file on the "Drivers and Installation Utility" diskette.

As some IDE drives may not respond to the Identify Drive command from the device driver correctly, you may need to