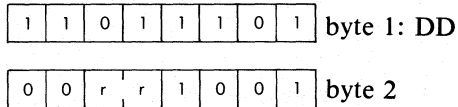


THE Z80 INSTRUCTION SET

ADD IX, rr Add IX with register pair rr.

Function: $IX \leftarrow IX + rr$

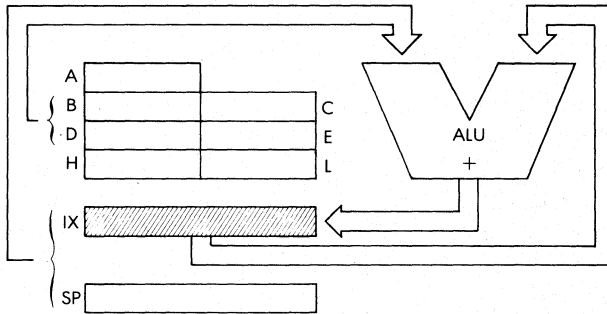
Format:



Description: The contents of the IX register are added to the contents of the specified register pair and the result is stored back in IX. rr may be any one of:

BC - 00	IX - 10
DE - 01	SP - 11

Data Flow:



Timing: 4 M cycles; 15 T states: 7.5 usec @ 2 MHz

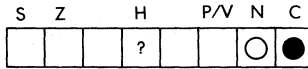
Addressing Mode: Implicit.

Byte Codes:

rr:	BC	DE	IX	SP
DD-	09	19	29	39

PROGRAMMING THE Z80

Flags:



H is set by carry out of bit 11.

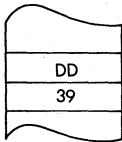
C is set by carry from bit 15.

Example:

ADD IX, SP

Before:

After:



OBJECT
CODE

