

KBDID: 449

Description: Macedonia FYR

External Standard: JUS I.K.1.003

Status: Registered

National Layout: Yes

Regions: Macedonia, The Former Yugoslav Republic of

Registration Date: 1993-05-04

Last Revision Date: 1999-04-20

Notes:

Required for Macedonia; compat. to AIX (added euro 1999.04.20).

449_L - FYR Macedonia



| GLYPH | ROW | COL | LEVEL | IBM ID | DEAD KEY | NOT ENGRAVED | CHARACTER NAME | UNICODE ID |
|-------|-----|-----|-------|--------|----------|--------------|--------------------------|------------|
| | E | 00 | L2 | SM13 | | | Vertical Line/Logical OR | U+007C |
| \ | E | 00 | L1 | SM07 | | | Backslash | U+005C |
| ! | E | 01 | L2 | SP02 | | | Exclamation Point | U+0021 |
| 1 | E | 01 | L1 | ND01 | | | One | U+0031 |
| ~ | E | 01 | L3 | SD19 | | | Tilde Accent | U+007E |
| " | E | 02 | L2 | SP04 | | | Quotation Marks | U+0022 |
| 2 | E | 02 | L1 | ND02 | | | Two | U+0032 |
| # | E | 03 | L2 | SM01 | | | Number Sign | U+0023 |
| 3 | E | 03 | L1 | ND03 | | | Three | U+0033 |
| ^ | E | 03 | L3 | SD15 | | | Circumflex Accent | U+005E |
| \$ | E | 04 | L2 | SC03 | | | Dollar Sign | U+0024 |
| 4 | E | 04 | L1 | ND04 | | | Four | U+0034 |
| % | E | 05 | L2 | SM02 | | | Percent Sign | U+0025 |
| 5 | E | 05 | L1 | ND05 | | | Five | U+0035 |
| & | E | 06 | L2 | SM03 | | | Ampersand | U+0026 |
| 6 | E | 06 | L1 | ND06 | | | Six | U+0036 |
| / | E | 07 | L2 | SP12 | | | Slash | U+002F |
| 7 | E | 07 | L1 | ND07 | | | Seven | U+0037 |
| ` | E | 07 | L3 | SD13 | | | Grave Accent | U+0060 |
| (| E | 08 | L2 | SP06 | | | Left Parenthesis | U+0028 |
| 8 | E | 08 | L1 | ND08 | | | Eight | U+0038 |
|) | E | 09 | L2 | SP07 | | | Right Parenthesis | U+0029 |

| | | | | | | | | |
|---|---|----|----|------|--|--|--------------------------|--------|
| 9 | E | 09 | L1 | ND09 | | | Nine | U+0039 |
| = | E | 10 | L2 | SA04 | | | Equal Sign | U+003D |
| 0 | E | 10 | L1 | ND10 | | | Zero | U+0030 |
| ? | E | 11 | L2 | SP15 | | | Question Mark | U+003F |
| ' | E | 11 | L1 | SP05 | | | Apostrophe | U+0027 |
| * | E | 12 | L2 | SM04 | | | Asterisk | U+002A |
| + | E | 12 | L1 | SA01 | | | Plus Sign | U+002B |
| Q | D | 01 | L2 | LQ02 | | | Q Capital | U+0051 |
| q | D | 01 | L1 | LQ01 | | | q Small | U+0071 |
| \ | D | 01 | L3 | SM07 | | | Backslash | U+005C |
| W | D | 02 | L2 | LW02 | | | W Capital | U+0057 |
| w | D | 02 | L1 | LW01 | | | w Small | U+0077 |
| | D | 02 | L3 | SM13 | | | Vertical Line/Logical OR | U+007C |
| E | D | 03 | L2 | LE02 | | | E Capital | U+0045 |
| e | D | 03 | L1 | LE01 | | | e Small | U+0065 |
| € | D | 03 | L3 | SC20 | | | Euro symbol | U+20AC |
| R | D | 04 | L2 | LR02 | | | R Capital | U+0052 |
| r | D | 04 | L1 | LR01 | | | r Small | U+0072 |
| T | D | 05 | L2 | LT02 | | | T Capital | U+0054 |
| t | D | 05 | L1 | LT01 | | | t Small | U+0074 |
| Z | D | 06 | L2 | LZ02 | | | Z Capital | U+005A |
| z | D | 06 | L1 | LZ01 | | | z Small | U+007A |
| U | D | 07 | L2 | LU02 | | | U Capital | U+0055 |
| u | D | 07 | L1 | LU01 | | | u Small | U+0075 |
| I | D | 08 | L2 | LI02 | | | I Capital | U+0049 |
| i | D | 08 | L1 | LI01 | | | i Small | U+0069 |
| O | D | 09 | L2 | LO02 | | | O Capital | U+004F |
| o | D | 09 | L1 | LO01 | | | o Small | U+006F |
| P | D | 10 | L2 | LP02 | | | P Capital | U+0050 |
| p | D | 10 | L1 | LP01 | | | p Small | U+0070 |
| { | D | 11 | L2 | SM11 | | | Left Brace | U+007B |
| [| D | 11 | L1 | SM06 | | | Left Bracket | U+005B |
| } | D | 12 | L2 | SM14 | | | Right Brace | U+007D |
|] | D | 12 | L1 | SM08 | | | Right Bracket | U+005D |
| A | C | 01 | L2 | LA02 | | | A Capital | U+0041 |
| a | C | 01 | L1 | LA01 | | | a Small | U+0061 |
| S | C | 02 | L2 | LS02 | | | S Capital | U+0053 |
| s | C | 02 | L1 | LS01 | | | s Small | U+0073 |
| D | C | 03 | L2 | LD02 | | | D Capital | U+0044 |
| d | C | 03 | L1 | LD01 | | | d Small | U+0064 |
| F | C | 04 | L2 | LF02 | | | F Capital | U+0046 |
| f | C | 04 | L1 | LF01 | | | f Small | U+0066 |
| [| C | 04 | L3 | SM06 | | | Left Bracket | U+005B |
| G | C | 05 | L2 | LG02 | | | G Capital | U+0047 |
| g | C | 05 | L1 | LG01 | | | g Small | U+0067 |
|] | C | 05 | L3 | SM08 | | | Right Bracket | U+005D |
| H | C | 06 | L2 | LH02 | | | H Capital | U+0048 |
| h | C | 06 | L1 | LH01 | | | h Small | U+0068 |

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|-------------|---|----|----|------|--|--|--------|
| J | C | 07 | L2 | LJ02 | | J Capital | U+004A |
| j | C | 07 | L1 | LJ01 | | j Small | U+006A |
| K | C | 08 | L2 | LK02 | | K Capital | U+004B |
| k | C | 08 | L1 | LK01 | | k Small | U+006B |
| L | C | 09 | L2 | LL02 | | L Capital | U+004C |
| l | C | 09 | L1 | LL01 | | l Small | U+006C |
| ^ | C | 10 | L2 | SD15 | | Circumflex Accent | U+005E |
| ^ | C | 10 | L1 | SD15 | | Circumflex Accent | U+005E |
| § | C | 11 | L2 | SM24 | | Section Symbol (USA)/Paragraph Symbol (Europe) | U+00A7 |
| § | C | 11 | L1 | SM24 | | Section Symbol (USA)/Paragraph Symbol (Europe) | U+00A7 |
| @ | C | 12 | L2 | SM05 | | At Sign | U+0040 |
| @ | C | 12 | L1 | SM05 | | At Sign | U+0040 |
| > | B | 00 | L2 | SA05 | | Greater Than Sign/Less Than Sign (Arabic) | U+003E |
| < | B | 00 | L1 | SA03 | | Less Than Sign/Greater Than Sign (Arabic) | U+003C |
| Y | B | 01 | L2 | LY02 | | Y Capital | U+0059 |
| y | B | 01 | L1 | LY01 | | y Small | U+0079 |
| X | B | 02 | L2 | LX02 | | X Capital | U+0058 |
| x | B | 02 | L1 | LX01 | | x Small | U+0078 |
| C | B | 03 | L2 | LC02 | | C Capital | U+0043 |
| c | B | 03 | L1 | LC01 | | c Small | U+0063 |
| V | B | 04 | L2 | LV02 | | V Capital | U+0056 |
| v | B | 04 | L1 | LV01 | | v Small | U+0076 |
| @ | B | 04 | L3 | SM05 | | At Sign | U+0040 |
| B | B | 05 | L2 | LB02 | | B Capital | U+0042 |
| b | B | 05 | L1 | LB01 | | b Small | U+0062 |
| { | B | 05 | L3 | SM11 | | Left Brace | U+007B |
| N | B | 06 | L2 | LN02 | | N Capital | U+004E |
| n | B | 06 | L1 | LN01 | | n Small | U+006E |
| } | B | 06 | L3 | SM14 | | Right Brace | U+007D |
| M | B | 07 | L2 | LM02 | | M Capital | U+004D |
| m | B | 07 | L1 | LM01 | | m Small | U+006D |
| § | B | 07 | L3 | SM24 | | Section Symbol (USA)/Paragraph Symbol (Europe) | U+00A7 |
| ; | B | 08 | L2 | SP14 | | Semicolon | U+003B |
| , | B | 08 | L1 | SP08 | | Comma | U+002C |
| : | B | 09 | L2 | SP13 | | Colon | U+003A |
| . | B | 09 | L1 | SP11 | | Period/Full Stop | U+002E |
| _ | B | 10 | L2 | SP09 | | Underline/Continuous Underscore | U+005F |
| - | B | 10 | L1 | SP10 | | Hyphen/Minus Sign | U+002D |

449_C - FYR Macedonia



| GLYPH | ROW | COL | LEVEL | IBM ID | DEAD KEY | NOT ENGRAVED | CHARACTER NAME | UNICODE ID |
|-------|-----|-----|-------|--------|----------|--------------|--------------------------|------------|
| | E | 00 | L2 | SM13 | | | Vertical Line/Logical OR | U+007C |
| \ | E | 00 | L1 | SM07 | | | Backslash | U+005C |
| ! | E | 01 | L2 | SP02 | | | Exclamation Point | U+0021 |
| 1 | E | 01 | L1 | ND01 | | | One | U+0031 |
| ~ | E | 01 | L3 | SD19 | | | Tilde Accent | U+007E |
| " | E | 02 | L2 | SP04 | | | Quotation Marks | U+0022 |
| 2 | E | 02 | L1 | ND02 | | | Two | U+0032 |
| # | E | 03 | L2 | SM01 | | | Number Sign | U+0023 |
| 3 | E | 03 | L1 | ND03 | | | Three | U+0033 |
| ^ | E | 03 | L3 | SD15 | | | Circumflex Accent | U+005E |
| \$ | E | 04 | L2 | SC03 | | | Dollar Sign | U+0024 |
| 4 | E | 04 | L1 | ND04 | | | Four | U+0034 |
| % | E | 05 | L2 | SM02 | | | Percent Sign | U+0025 |
| 5 | E | 05 | L1 | ND05 | | | Five | U+0035 |
| & | E | 06 | L2 | SM03 | | | Ampersand | U+0026 |
| 6 | E | 06 | L1 | ND06 | | | Six | U+0036 |
| / | E | 07 | L2 | SP12 | | | Slash | U+002F |
| 7 | E | 07 | L1 | ND07 | | | Seven | U+0037 |
| ` | E | 07 | L3 | SD13 | | | Grave Accent | U+0060 |
| (| E | 08 | L2 | SP06 | | | Left Parenthesis | U+0028 |
| 8 | E | 08 | L1 | ND08 | | | Eight | U+0038 |
|) | E | 09 | L2 | SP07 | | | Right Parenthesis | U+0029 |
| 9 | E | 09 | L1 | ND09 | | | Nine | U+0039 |
| = | E | 10 | L2 | SA04 | | | Equal Sign | U+003D |
| 0 | E | 10 | L1 | ND10 | | | Zero | U+0030 |
| ? | E | 11 | L2 | SP15 | | | Question Mark | U+003F |
| ' | E | 11 | L1 | SP05 | | | Apostrophe | U+0027 |
| * | E | 12 | L2 | SM04 | | | Asterisk | U+002A |
| + | E | 12 | L1 | SA01 | | | Plus Sign | U+002B |
| Љ | D | 01 | L2 | KL42 | | | LJ Capital | U+0409 |
| љ | D | 01 | L1 | KL41 | | | lj Small | U+0459 |

| | | | | | | | | |
|---|---|----|----|------|--|--|--------------------------|--------|
| \ | D | 01 | L3 | SM07 | | | Backslash | U+005C |
| Ѓ | D | 02 | L2 | KN12 | | | NJ Capital | U+040A |
| њ | D | 02 | L1 | KN11 | | | nj Small | U+045A |
| | D | 02 | L3 | SM13 | | | Vertical Line/Logical OR | U+007C |
| Е | D | 03 | L2 | KE02 | | | E Capital | U+0415 |
| е | D | 03 | L1 | KE01 | | | e Small | U+0435 |
| Р | D | 04 | L2 | KR02 | | | R Capital | U+0420 |
| р | D | 04 | L1 | KR01 | | | r Small | U+0440 |
| Т | D | 05 | L2 | KT02 | | | T Capital | U+0422 |
| т | D | 05 | L1 | KT01 | | | t Small | U+0442 |
| З | D | 06 | L2 | KZ02 | | | Z Capital | U+0417 |
| з | D | 06 | L1 | KZ01 | | | z Small | U+0437 |
| У | D | 07 | L2 | KU02 | | | U Capital | U+0423 |
| у | D | 07 | L1 | KU01 | | | u Small | U+0443 |
| И | D | 08 | L2 | KI02 | | | I Capital | U+0418 |
| и | D | 08 | L1 | KI01 | | | i Small | U+0438 |
| О | D | 09 | L2 | KO02 | | | O Capital | U+041E |
| о | D | 09 | L1 | KO01 | | | o Small | U+043E |
| П | D | 10 | L2 | KP02 | | | P Capital | U+041F |
| п | D | 10 | L1 | KP01 | | | p Small | U+043F |
| Ш | D | 11 | L2 | KS22 | | | SH Capital | U+0428 |
| ш | D | 11 | L1 | KS21 | | | sh Small | U+0448 |
| Ђ | D | 11 | L3 | KD62 | | | D Special Capital | U+0402 |
| ђ | D | 12 | L2 | KG12 | | | G Special Capital | U+0403 |
| ѓ | D | 12 | L1 | KG11 | | | g Special Small | U+0453 |
| ђ | D | 12 | L3 | KD61 | | | d Special Small | U+0452 |
| А | C | 01 | L2 | KA02 | | | A Capital | U+0410 |
| а | C | 01 | L1 | KA01 | | | a Small | U+0430 |
| С | C | 02 | L2 | KS02 | | | S Capital | U+0421 |
| с | C | 02 | L1 | KS01 | | | s Small | U+0441 |
| Д | C | 03 | L2 | KD02 | | | D Capital | U+0414 |
| д | C | 03 | L1 | KD01 | | | d Small | U+0434 |
| Ф | C | 04 | L2 | KF02 | | | F Capital | U+0424 |
| ф | C | 04 | L1 | KF01 | | | f Small | U+0444 |
| [| C | 04 | L3 | SM06 | | | Left Bracket | U+005B |
| Г | C | 05 | L2 | KG02 | | | G Capital | U+0413 |
| г | C | 05 | L1 | KG01 | | | g Small | U+0433 |
|] | C | 05 | L3 | SM08 | | | Right Bracket | U+005D |
| Х | C | 06 | L2 | KH02 | | | KH Capital | U+0425 |
| х | C | 06 | L1 | KH01 | | | kh Small | U+0445 |
| Ј | C | 07 | L2 | KJ02 | | | J Capital | U+0408 |
| ј | C | 07 | L1 | KJ01 | | | j Small | U+0458 |
| К | C | 08 | L2 | KK02 | | | K Capital | U+041A |
| к | C | 08 | L1 | KK01 | | | k Small | U+043A |
| Л | C | 09 | L2 | KL02 | | | L Capital | U+041B |
| л | C | 09 | L1 | KL01 | | | l Small | U+043B |
| Ч | C | 10 | L2 | KC22 | | | CH Capital | U+0427 |
| ч | C | 10 | L1 | KC21 | | | ch Small | U+0447 |

| | | | | | | | | |
|---|---|----|----|------|--|--|--|--------|
| Ħ | C | 10 | L3 | KC12 | | | C Special Capital | U+040B |
| Ķ | C | 11 | L2 | KK12 | | | K Special Capital | U+040C |
| ķ | C | 11 | L1 | KK11 | | | k Special Small | U+045C |
| ħ | C | 11 | L3 | KC11 | | | c Special Small | U+045B |
| Ж | C | 12 | L2 | KZ22 | | | zh Capital | U+0416 |
| ж | C | 12 | L1 | KZ21 | | | zh Small | U+0436 |
| > | B | 00 | L2 | SA05 | | | Greater Than Sign/Less Than Sign (Arabic) | U+003E |
| < | B | 00 | L1 | SA03 | | | Less Than Sign/Greater Than Sign (Arabic) | U+003C |
| Š | B | 01 | L2 | KZ16 | | | S Special Capital | U+0405 |
| š | B | 01 | L1 | KZ15 | | | s Special Small | U+0455 |
| Đ | B | 02 | L2 | KG22 | | | DZ Special Capital | U+040F |
| đ | B | 02 | L1 | KG21 | | | dz Special Small | U+045F |
| Ț | B | 03 | L2 | KC02 | | | TS Capital | U+0426 |
| ț | B | 03 | L1 | KC01 | | | ts Small | U+0446 |
| В | B | 04 | L2 | KV02 | | | V Capital | U+0412 |
| в | B | 04 | L1 | KV01 | | | v Small | U+0432 |
| @ | B | 04 | L3 | SM05 | | | At Sign | U+0040 |
| Б | B | 05 | L2 | KB02 | | | B Capital | U+0411 |
| б | B | 05 | L1 | KB01 | | | b Small | U+0431 |
| { | B | 05 | L3 | SM11 | | | Left Brace | U+007B |
| Н | B | 06 | L2 | KN02 | | | N Capital | U+041D |
| н | B | 06 | L1 | KN01 | | | n Small | U+043D |
| } | B | 06 | L3 | SM14 | | | Right Brace | U+007D |
| М | B | 07 | L2 | KM02 | | | M Capital | U+041C |
| м | B | 07 | L1 | KM01 | | | m Small | U+043C |
| § | B | 07 | L3 | SM24 | | | Section Symbol (USA)/Paragraph Symbol (Europe) | U+00A7 |
| ; | B | 08 | L2 | SP14 | | | Semicolon | U+003B |
| , | B | 08 | L1 | SP08 | | | Comma | U+002C |
| : | B | 09 | L2 | SP13 | | | Colon | U+003A |
| . | B | 09 | L1 | SP11 | | | Period/Full Stop | U+002E |
| — | B | 10 | L2 | SP09 | | | Underline/Continuous Underscore | U+005F |
| - | B | 10 | L1 | SP10 | | | Hyphen/Minus Sign | U+002D |