

PBX SYSTEMS  
NO. 756A  
PBX CABLING DIAGRAM

## CHANGES

D. Description of Changes

- D.1 Index sheets A1, A4, A5, and A7 are updated.
- D.2 On Index sheet A6, option designations ZP, ZQ, and ZR are added to the Option Index. Connector AW2 is added to the Connector Location Index.
- D.3 On sheet D3, option letter Z is changed to XL in Table A.
- D.4 On sheet D5, options ZP, ZQ, and ZR are added to Circuit Note 104, Note 108 is renumbered as 109, and Notes 108 and 110 are added.
- D.5 On sheet G4, slide 3, plug D wiring is clarified at pins 2 and 3.
- D.6 On sheet G5, slide 5, plug E, pin 4 wiring for option T is added.
- D.7 On sheet G10, slide 6, plug H, pins 12 and 3 wiring for option WM is added and the designation for option XA is changed to WL.
- D.8 On sheet G14, slide 6, plug J, pins 5 and 8, option YC wiring is added and leads to relays RLBB and RLAB are designated as option YS.
- D.9 On sheet G19, the termination of slide 5, plug L, pins 1, 4, 10, and 18 is changed from BY relay spring 8 to spring 6.
- D.10 On sheet G20, the termination of slide 5, plug M, pins 1 and 10 is changed from BY relay spring 8 to 6.
- D.11 On sheet G22, Sheet Note 1, "option 9..." is changed to read "option 22...".
- D.12 On sheet G26:
- (a) On slide 3, option letter S is changed to S, VY.
- (b) On slide 4, option letter S, V is changed to S, V, VY.
- D.13 On sheet G28, Sheet Note 2, "...SD-65743-01..." is changed to read "...SD-66796-01...".
- D.14 On sheet G38, slide 2, plug S:
- (a) The note "F stitch" is deleted from pins 2, 12, and 14.
- (b) The termination of pin 13 is changed from 6(TU3) to 8(TU3).
- D.15 On sheet G40, slide 3, plug H, the termination of pin 13 is changed from 6(TU5) to 8(TU5).
- D.16 On sheet G44, a new lead is added between slide 1, plug A, pin 11 and slide 5, plug A, pin 11 as option ZP wiring.
- D.17 On sheet G48, option ZQ is assigned to leads going to connector AY1, pins 4 and 5, from plug M, pins 3 and 14 in slide 1.
- D.18 On sheet G50, slide 1, plug Y, pins 0 and 1, the PLT LOCATION designation is changed from X to Y.
- D.19 On sheet G53, a new Note 18 is added.
- D.20 On sheet G54, connector A, pin 33, option designation XN is added to a lead terminated at the 7(MC) relay, and a new lead, terminated at the 4B(N) relay, as option XC is added. Reference to option XN is added to Sheet Note 2. Option A is changed to "A, WA" for the lead from pin 25 of connector B.
- D.21 On sheet G57, phrase "or CAD 37" is deleted from the brackets at slides 2, 3, and 4 which read "to CAD 14 or CAD 37".
- D.22 On sheets G63, G64, and G65, to CAD TITLE BLOCK:
- (a) On sheet G63, add "(See Sheet 387)".

- (b) On sheet G64, add "(See Sheet G86)".
  - (c) On sheet G65, add "(See Sheet G87)".
- D.23 On sheet G90, Sheet Note 3 and references are added.
- D.24 On sheet G92, the termination on connecting block C1 for lead T-(A) is changed to 2CR, and lead R-(A) to 20T.
- D.25 On sheet G105:
  - (a) At slide 3, option designation S is changed to S, SY.
- (b) At slide 4, option designation S, V is changed to S, V, VY.
- (c) In Sheet Note 3, option designation S, V is changed to S, V, VY.
- D.26 A new sheet G109B is added. Sheet G109 is renumbered as G109A.
- D.27 On sheet G110, the designation of the note to slide 2, plug 2 pins 0, 1, and 12 is changed from "shown on CAD1" to "shown on CAD38".

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DEPT 3224-JRV-RVL

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CHANGES

D. Description of Changes

D.1 Index Sheets A1, A4, A5, and A7 are updated.

D.2 On sheet G74, the lead to connector BE3, pin 17, is removed from plug AE3, pin 12.

D.3 On sheet G96:

- (a) Lead to connector BE3, pin 17, is added to plug AJ3, pin 1, and designated as option ZN.
- (b) The termination of the lead from plug AJ3, pin 3, to connector BE3 is changed from pin 7 to pin 18.
- (c) The termination of the lead from plug AJ3, pin 5, to connector BE3 is changed from pin 8 to pin 19.
- (d) Option ZM is assigned to the leads from plug AJ3, pins 1, 3, and 5, terminated respectively at S40, S41, and S42.

D.4 On sheet G120:

- (a) Termination of the lead from plug BE3, pin 17, is changed to connector AJ3, pin 1.
- (b) Termination of the lead from plug BE3, pin 7, is changed to S41.
- (c) Termination of the lead from plug BE3, pin 18, is changed to connector AJ3, pin 3.
- (d) Termination of the lead from plug BE3, pin 8, is changed to S42.
- (e) Termination of the lead from plug BE3, pin 19, is changed to connector AJ3, pin 5.

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CHANGES

D. Description of Changes

- D.1 Indexes on sheets A1 through A7 are updated.
- D.2 On sheet D5, options ZM, ZN, ZO, and Notes 107 and 108 are added.
- D.3 On sheets G11 and 105, options ZM and ZN are added.
- D.4 On sheet G36, options ZN, ZM, and XO (from SD-65752-01) are added.
- D.5 On sheets G45, 74, and 96, option ZN is added.
- D.6 On sheet G48, option ZO is added.
- D.7 On sheet G53, options XX and XW (CAD 6) and Note 17 are added.
- D.8 On sheet G60, add Note 4 and revise CAD 35.
- D.9 Add sheets G119 and 120 per option ZN.

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## CHANGES

D. Description of Changes

- D.1 On sheets A1, A4, A5, and A7, the Sheet Index is brought up to date.
- D.2 On sheet A3, the Lead Index is brought up to date.
- D.3 On sheet A6, the Option Index is brought up to date.
- D.4 On sheet G24, under slide 4, the termination of leads TU(TT0) and (TT1) is changed from pin E to pins 5 and 4, respectively.
- D.5 On sheets G28, G31 through G37, G76, G77, G79, and G110, the following sheet note is added. "When local test console cable is provided, leads are shown on SD-66920-01, CAD 15. On sheet G33, lead RA, a reference to cord switchboard is added on a no-record basis."
- D.6 On sheet G54 and G117, option XV is changed to option XS on a no-record basis.
- D.7 On sheet G62, TS(D), option H is added on a no-record basis.
- D.8 On sheet G80, slide 2, lead terminations change from connector AU to different pins on connector AJ on a no-record basis.
- D.9 On sheet G96, slide 2, option ZL is added on a no-record basis.
- D.10 On sheet G109, slide 2, option ZL is removed on a no-record basis.
- D.11 On sheet G118, plug 2AC, change 2L OT(20-29) to read 5M OT(20-29).
- D.12 All changes which are made on a D no-record basis are in agreement with WECO standards.

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DEPT 5334-RHO-RVL

CD 65746-01  
ISSUE 3D  
DEPENDENCY 8D  
EVT ISSUE 49D

PBX SYSTEM  
NO. 711A  
PBX CABLING DIAGRAM

CHANGES

D. Description of Changes

- D.1 On sheets A1, 4, 5 and 7, the Sheet Index is brought up to date.
- D.2 On sheet A3, the Lead Index is brought up to date.
- D.3 On sheet A6, the Connector Location Index is brought up to date.
- D.4 On sheet D5: Under Circuit Note 104, option ZL is added and rated standard; Under Circuit Note 102, Traffic Measurement System feature and option ZL are added.
- D.5 On sheet G1, 2, 4, 8, 22, 24, 25, 80 and 109; option ZL leads TU() and Sheet Notes are added.
- D.6 On sheets G3, and 17, reference information is added.
- D.7 On sheets G16, 31 and 32, leads TU() and option ZD which is shown on SD-65753-01 are added.
- D.8 On sheet G54: CAD 8, leads TU() and option XV (from SD-65752-01) are added; and on CAD 9, lead TU() and options ZA and ZD are added.
- D.9 On sheet G111; leads TU(), option ZD (from SD-65753-01), option ZL and Notes are added.
- D.10 Sheets G117 and 118 are added.

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DEPT 5334DR-RHO-  
DEPT 5334-RVL

PBX SYSTEMS  
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CHANGES

D. Description of Changes

- D.1 On sheets A1, 4, 5, and 7, the Sheet Index is brought up to date.
- D.2 On sheet A2, the Lead Index is brought up to date.
- D.3 On sheets G34-37 and 72, color of slide leads is removed.
- D.4 On sheet G34, reference to transmission facilities is added.
- D.5 On sheet G36, 53 and 54 option XO is added.
- D.6 On sheet G53, Note 3 is rated "Manufacture Discontinued" and Note 15 is added.
- D.7 On sheet G72, Note 2 is added to refer to Dial Pulse Register Circuit.

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DEPT 5334DR-RHO  
DEPT 5334-RVL

PBX SYSTEMS  
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PBX CABLING DIAGRAMCHANGESD. Description of Changes

- D.1 On sheets A1, 4, 5 and 7 the Sheet Index is brought up to date
- D.2 On sheet A2, the lead index is brought up to date.
- D.3 On sheet A6, the option index is brought up to date.
- D.4 On sheet D5, option ZK is added in Note 104.
- D.5 On sheet G1, under slide 6, change plate position of LD lead from G to C:
- D.6 On sheet G14, under slide 6 and LD lead, add plate position C.
- D.7 On sheet G15, 72, 81, 82 and 111, add options XL and XM to change termination of register leads PL, UD, T, R, RC, (GRD) and MB in slide 6. On sheet G111 Note 5 is added.
- D.8 On sheet G28; option ZK is added to slide 1, plug P, pin 3, and sheet note 8 is added.
- D.9 On sheet G49, option ZK is added to slide 1, plug W, pin 5.
- D.10 On sheet G53, rate CAD 5 "MFR DISC" and add Notes 14 and 15.
- D.11 On sheet G62, TSD; add ZS option to ZF option, add CO lead on pin HM-2 and remove ZE and ZF option from shop wiring side of IT-2 and HM-3 terminals. (D no-record change per agreement with WECO).
- D.12 On sheet G80, add Note 1 and options EB and XP to change termination of register lead in slide 6.
- D.13 On sheet G92, under slide 1, plug P, add R BAT lead to 608D SWBD MISC CKT.

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(WECO 5123HW-RHO-RHP)  
DEPT 5337-RVL

PBX SYSTEMS  
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CHANGES

D. Description of Changes

D.1 On sheets A1, 4, 5 and 7, the Sheet Index is brought up to date.

D.2 On sheet G53, CAD 6; change XM option to XK, change XK option to XL and on terminal 22 change lead termination from (SD) capacitor to 4B (P) relay on a no-record change per agreement with WECO standards.

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(WECO 5120HW-RHO-RHP)  
DEPT 5337-RVL

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CHANGES

D. Description of Changes

- D.1 On sheets A1, 4, 5, 6 and 7 the sheet and connector location index are brought up to date.
- D.2 On sheets G3 and G12, reference information is added to reflect added pins shown on G49.
- D.3 On sheet G45; under slide 2, plug C, pin 17, change termination of MBD lead from S (PWR-96) to 5 (PWR KEY).
- D.4 On sheet G49; add G and H Grd leads in slide 2 (plug C-pin 12), slide 4 (plug J-pin 12) and slide 2 (plug C-pin 10), slide 4 (plug J-pin 10) respectively.
- D.5 On sheet G54; add option XH in CAD 6, and add note 13.
- D.6 On the above G sheets, color code of leads is removed.

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(WEC 5120HW-RHO-RHP)  
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PEX SYSTEMS  
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PEX CABLING DIAGRAM

CHANGES

D. Description of Changes

- D.1 On sheets A1, 4, 5, and 7, the Sheet Index is brought up to date.
- D.2 On sheet G22, 24, 25 and 112 under slide 2, terminal designations of the 490C keys on the make busy and busy display unit are changed from "R" to "T".
- D.3 On sheet G62; TS (D), pin MD1, terminal designation of the 490C key on the make busy and busy display unit is changed from "R" to "T".
- D.4 On the above G sheets, color code of leads is removed.

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DEPT 5337-RVL

PBX SYSTEMS  
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PBX CABLING DIAGRAMCHANGESD. Description of Changes

- D.1 On sheets A1, 4, 5, 6 and 7, the sheet and option index is brought up to date.
- D.2 On sheet D2, option ZH is designated Manufacture Discontinued and option ZJ is designated Standard.
- D.3 On sheet G53, the following changes are made on a D no-record basis per agreement with WECO. DT resistor is removed from CAD 5 and options ZA, ZB, YL and YM are added.
- D.4 On sheet 53, CAD 6, the following options are added: XE, XF, XK, XL, XM, ZJ and ZH. Only options ZJ and ZH are added on this circuit. Option XF provides ease in field addition of Attendant Restriction feature (restricts attendant from placing outgoing CO calls), and prevents the attendant from entering a connection when lock-out is provided. Options XK and XL are added to provide audible ringing tone on trunk to toll calls. Option XM replaces option Z to free pin 22. Option ZH and ZJ rearrange the terminal strip to free pin 22.
- D.5 On sheet G54, options ZA, ZB, ZJ and YM are added, termination of BZ lead on pin 18 of CAD 8 is changed from 11 of (FF) relay to 1M of (R1) relay, sheet notes 2 and 3 are combined and new note 3 added. These changes are made on a D no-record basis per agreement with WECO.
- D.6 On sheet G86, CAD 30, option ZG is added to provide a locking path for the SEO-9 relay when lock-out is required.

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(WECO 5120HW-RHO-LKJ)  
DEPT 5337-RVL

PBX SYSTEMS  
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PBX CABLING DIAGRAM

CHANGES

D. Description of Changes

- D.1 On sheets A1, A4, A5 and A7 the sheet index is brought up to date.
- D.2 On sheets A2 and A3 the lead index is brought up to date.
- D.3 On sheet A6 the connector index is brought up to date.
- D.4 On sheets G81, G82, G83, G84, and G85 lead GN per SD-65742-01 option XH is added for TOUCH-TONE calling feature.
- D.5 On sheets G92 and G93 information is added for 608A and D Cord Switchboard.
- D.6 On sheets G28, G58, G95, G105 and G106 reference to CAD 43 is added.
- D.7 On sheets G100 and G101, CAD 37, is rated MANUFACTURE DISCONTINUED.
- D.8 On sheet G114, CAD 1, leads TPA and TPB per SD-65741-01 options VH and VJ are added.
- D.9 Sheets G115 and G116, CADS 43 and 44, are added for 3 Wire Jack 608A or D Cord Switchboard.
- D.10 On sheet G116, CAD 45, is added for the station controlled conference feature when used with a 608A or D Cord Switchboard.
- D.11 Other minor miscellaneous corrections made in CAD figures.

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(WECO 5120-HW-RCL-LKJ)  
DEPT. 5337-RVL

PBX SYSTEMS  
NO. 756A  
PBX CABLING DIAGRAMSECTION I - GENERAL DESCRIPTION1. PURPOSE OF CIRCUIT

1.01 This PBX Cabling Drawing shows the interconnection of the crown cable for the six equipment slides, the interconnection of the house and feeder cables and unit terminal strip cross connection information where required for 756A PBX circuits.

SECTION II - DETAILED DESCRIPTION

1.01 None.

SECTION III - REFERENCE DATA1. WORKING LIMITS

1.01. None.

2. CONNECTING CIRCUITS

2.01 When this circuit is listed on a keysheet, the connecting information thereon is to be followed.

- |   |   |
|---|---|
| <p>(a) Line, Link, and Marker Circuit - SD-65741-01.</p> <p>(b) Dial Pulse Register Circuit - SD-65742-01.</p> <p>(c) Traffic Register Circuit - SD-65744-01.</p> <p>(d) Loud Speaker Paging Trunk Circuit - SD-65747-01.</p> <p>(e) Junctor Circuit - SD-65750-01.</p> <p>(f) 2-Way Trunk Circuit to Central Office - SD-65752-01.</p> <p>(g) Attendant Trunk Circuit - SD-65753-01.</p> | <p>(h) Busy Tone Trunk Circuit - SD-65754-01.</p> <p>(i) Dial Repeating Type Tie Trunk Circuits - SD-65755-01, SD-65718-01, SD-65535-01 (Typical).</p> <p>(j) Ringdown Tie Trunk Circuit - SD-65756-01.</p> <p>(k) Cordless Position Circuit - SD-65757-01.</p> <p>(l) Auxiliary Relay Circuit For Direct Station Selection By Stations - SD-65942-01.</p> <p>(m) Message Waiting Service Key, Interrupter, And Power Supply Circuit - SD-65784-01.</p> <p>(n) Feature Cabling Diagram - SD-66920-01.</p> <p>(o) Traffic Register Circuit - External Traffic And Trouble Registers - SD-5E010-01.</p> <p>(p) Station Message Register Pulse And Surcharge Circuit - SD-5E021-01.</p> <p>(q) Inward Restriction Circuit - SD-5E003-01.</p> <p>(r) Make Busy And Busy Display Circuit - SD-5E029-01.</p> <p>(s) TOUCH-TONE Calling Receiver Circuit Type A3 - SD-98148-01.</p> <p>(t) TOUCH-TONE Calling Receiver Circuit Type C1 - SD-67027-01.</p> <p>(u) Telephone Console Circuit Type 3 and 4 - SD-66907-01.</p> |
|---|---|

- (v) Dial Conference Trunk Circuit  
Station Controlled - SD-66908-01.
- (w) Dial Conference Trunk Circuit  
Attendant Controlled - SD-66908-01.
- (x) Alarm, Transfer, and Test Circuit -  
SD-66796-01.
- (y) Recorded Telephone Dictation Trunk -  
SD-65788-01.
- (z) 3A Code Call Circuit - SD-66610-01.
- (aa) Power Supply Circuit - SD-81326-02.
- (ab) Power Supply Circuit - SD-81600-01.
- (ac) 556A PBX Cord, Telephone, Dial,  
Battery, Buzzer and Ringing -  
SD-65658-01.
- (ad) 608D Jack and Lamp Circuit -  
SD-65997-01.
- (ae) 552A, 552B, 552D, 552E, 605A, 607A,  
607B, or 608A Jack Circuit -  
SD-65778-01.
- (af) 608A Auxiliary Signal, Fuse Alarm,  
Battery Cut Off and Miscellaneous  
Circuit - SD-66772-01.
- (ag) 608D Auxiliary Signal, Fuse Alarm,  
Battery Cut Off and Miscellaneous  
Circuit - SD-67039-01.

SECTION IV - REASONS FOR REISSUE

D. Description of Changes

- D.1 Option ZF is designated and rated  
Manufacture Discontinued. Option ZG  
is added and rated Standard to arrange  
the cabling so the station message register  
feature will function with the transistor-  
ized link test circuit designed for the  
marker.
- D.2 On sheet G10, termination of lead LG  
is modified per SD-65741-01,  
option 22.
- D.3 On sheets G22, 24 and 25, termination of  
leads S02-S09 and S12-S19 are mod-  
ified per SD-65741-01, option 22.
- D.4 On sheet G43, termination of lead  
FB is modified per SD-65757-01,  
option ZZ.
- D.5 On sheet G114, leads COA and XCA  
are added per SD-65741-01, option WT.
- D.6 Minor correction for the make busy  
and busy display and battery reserve  
features are made per agreement with WECo  
Standards Engineering.

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