

OVERVIEW OF NEX **894 DSD INVOICE**

NEX Definition:

NEX (Network Exchange) is simply another type of DSD receiving. It follows the same rules and path as DEX receiving except there is no driver or dexting equipment required. The electronic invoice, or 894, is transmitted directly to Kroger EDI headquarters where it is forwarded to the appropriate stores. The invoice will appear in the backdoor receiving system just as DEX invoices do after a driver has downloaded. The other difference is that a reply is not required in order for the backdoor receiver to close the invoice. Currently, Kroger is not issuing the 895 reply.

Credit invoices must be submitted by the vendor for audit purposes but are not transmitted to the store.

General Procedure

- A store communicates an order to the vendor.
- The vendor processes the order and issues an EDI 894 invoice.
- The vendor ships the product.
- The invoice is processed at Kroger General Offices and sent to the store.
- The store receives the electronic invoice, which is also a notification of an upcoming delivery.
- When the delivery arrives at the store (by courier, crossdock, vendor driver) the receiver verifies the delivery against the 894 invoice.
- When the receiver closes the invoice it is processed through DSD payables the same as all other DSD deliveries.

Requirements

- Vendor must be a Kroger EDI partner.
- Implementation must be approved and coordinated by the Kroger division.
- Must be an authorized DSD vendor at the division.
- Must be capable of sending an EDI 894 electronic DSD invoice.
- Must be able to receive an EDI 997 functional acknowledgement and 824 error notification.

Kroger DSD NEX Setup

- Contact the Kroger division with which you want to begin doing electronic DSD invoicing.
- Submit the "New Partner Set-up Form" to register as an EDI partner with Kroger.
- Conduct a test with a store at the division.
- Coordinate an activation date with the division.

DSD Invoice

894 Delivery / Return Transaction

Header

Segment	Description	Required
ST	Transaction Set Header	Mandatory
G82	Delivery / Return Base Record Identifier	Mandatory

Detail

Segment	Description	Required
LS	Loop Header	Mandatory
G83	Line Item Detail	Mandatory
G22	Pricing Information	Optional
G72	Allowance	Optional
LE	Loop Trailer	Mandatory

Summary

Segment	Description	Required
G84	Delivery / Return Totals	Mandatory
G86	Signature	Mandatory
G85	Record Integrity Check	Mandatory
SE	Transaction Set Trailer	Mandatory

Sample 894 - DEBIT

ST*894*66580118~
 G82*D*7675686*099391542*034997*004052155*INGRAM*20040507~
 LS*0100~
 G83*1*9*EA*078693623786****18.98*1*SCARY MOVIE 3 WS/DVD~
 G22*N*01
 G83*2*9*EA*078693624175****18.98*1*SCARY MOVIE 3P&S/DVD~
 G22*N*01
 G83*3*6*EA*078693623774****14.46*1*SCARY MOVIE 3~
 G22*N*01~
 LE*0100~
 G84*24*42840~
 G86*INGRAM~
 G85*INGRAM~
 SE*14*66580118~

Sample 894 - CREDIT

ST*894*66765007~
 G82*C*3045318610*043700194*706351*151064821*00692*20040510~
 LS*0100~
 G83*1*1*PK*002120052384****1.7**REFUND ITEM INVSBL T~
 G22*N~
 G83*2*3*CA*005112215900****1.72**REFUND ITEM MARKER~
 G22*N~
 LE*0100~
 G84*4*686~
 G86*Staples~
 G85*1~
 SE*12*66765007~

ST Transaction Set Header

Field	Description	Req	Type	Length	Valid Values
ST01	Transaction Set Identifier	M	ID	03-03	“894”
ST02	Transaction Set Control Number	M	AN	04-09	Identifying control number. Must be unique within the transaction set.

G82 Delivery / Return Base Record Identifier

Field	Description	Req	Type	Length	Valid Values
G8201	Credit/Debit Flag	M	ID	01-01	“C” – Credit “D” - Debit
G8202	Supplier’s Delivery / Return Number	M	AN	01-22	Invoice number. Spaces are not allowed.
G8203	Receiver’s Dunns Number	M	ID	09-09	Kroger division Duns number http://edi.kroger.com/edi/locations/894list.xls
G8204	Receiver’s location number	M	N	06-06	Kroger 3 digit division number and 3 digit store number. (ie: dddsss)
G8205	Supplier’s Dunns Number	M	ID	09-09	Vendor Duns Number. Must be communicated to the division prior to testing.
G8206	Supplier’s Location Number	M	AN	01-06	Number assigned by the vendor that provides uniqueness when combined with the G8205. For example: invoices for inventory vs expense items from the same vendor.
G8207	Expected Delivery/Return Date	M	Date	08-08	Intended delivery date. CCYYMMDD (eg: 20040501)
G8208	Product transfer date	NA	NA	NA	Not used by Kroger
G8209	Purchase Order Number	NA	NA	NA	Not used by Kroger
G8210	Purchase Order Date	NA	NA	NA	Not used by Kroger
G8211	Transportation Payment Terms	NA	NA	NA	Not used by Kroger
G8212	COD Method of Payment	NA	NA	NA	Not used by Kroger

LS Loop Header

Field	Description	Req	Type	Length	Valid Values
LS01	Loop Identifier Code	M	AN	01-06	‘0100’ Loop identifier

G83 Line Item Detail

Field	Description	Req	Type	Length	Valid Values
G8301	DSD Sequence Number	M	N	01-04	Invoice Line Number. Must be numbered in sequential order. Cannot skip numbers.
G8302	Quantity	M	R3	01-15	Must always be positive. Fractional quantities are allowed for random weight items; decimal point must be used.
G8303	Unit of Measure	M	ID	02-02	'CA', 'EA', 'LB'
G8304	U.P.C Consumer package code	M	N	12-12	Must be 12 digits, no blanks are allowed.
G8305	Product Service Qualifier	NA	NA	NA	Not use by Kroger
G8306	Product Service ID	NA	NA	NA	Not use by Kroger
G8307	Case U.P.C	NA	NA	NA	Not use by Kroger
G8308	Item Cost	M	R4	01-09	Cost per receiving unit of measure. Must always be positive.
G8309	Pack	O	N	01-06	Number of inner containers per outer container; or number of eaches if there is no inner container.
G8310	Cash Register Description	O	AN	01-20	Item description
G8311	Product Service ID Qualifier	NA	NA	NA	Not use by Kroger
G8312	Product Service ID	NA	NA	NA	Not use by Kroger
G8313	Inner Pack	NA	NA	NA	Not use by Kroger

LE Loop Trailer

Field	Description	Req	Type	Length	Valid Values
LE01	Loop Identifier Code	M	AN	01-06	'0100' Loop identifier

G84 Delivery / Return Totals

Field	Description	Req	Type	Length	Valid Values
G8401	Total Invoice Quantity	M	R3	01-15	Total piece count for the invoice.
G8402	Total Invoice Amount	M	N2	01-10	Total dollar amount for the invoice.
G8403	Total Invoice Deposits	O	N2	01-06	Total dollar amount of deposits for the invoice.

G86 Signature

Field	Description	Req	Type	Length	Valid Values
G8601	Signature	M	AN	01-12	This field is required for the backdoor receiving system. It is not necessary to use the signature algorithm. Any identification can be used.
G8602	Name	O	AN	01-60	Not used by Kroger

G85 Record Integrity Check

Field	Description	Req	Type	Length	Valid Values
G8501	Integrity Check Value	M	AN	01-12	Value calculated by using CRC 16 algorithm per UCS implementation guide.

SE Transaction Set Trailer

Field	Description	Req	Type	Length	Valid Values
SE01	Number of included segments	M	N0	01-10	Total number of segments included in the transaction set including the ST and SE.
SE02	Transaction set control number	M	AN	04-09	Contains same transaction set control number that was entered into the ST02 of the ST segment.