



## **ADI Global**

### **810 Invoice**

Version 4010

Production: ZZ/LB132930  
 Staging: ZZ/LB132930T

# 810 Invoice

Functional Group = IN

## Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	ST	Transaction Set Header
M	M	1	020	BIG	Beginning Segment for Invoice
O	O	1	040	CUR	Currency
M	O	12	050	REF	Reference Identification
				<b>LOOP N1 (Remit to )</b>	<b>Max: 200 Required</b>
M	M	1	070	N1	Name
M	O	2	080	N2	Additional Name Information
M	O	2	090	N3	Address Information
M	O	1	100	N4	Geographic Location
M	O	>1	130	ITD	Terms of Sale/Deferred Terms of Sale

## Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				<b>LOOP IT1 (Loop can repeat)</b>	<b>Max: 200000 Required</b>
M	M	1	010	IT1	Baseline Item Data (Invoice)
				<b>LOOP PID</b>	<b>Max: 1000 Required</b>
M	M	1	060	PID	Product/Item Description

## Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	TDS	Total Monetary Value Summary
				<b>LOOP SAC (Optional if</b>	<b>Max: 25 Optional</b>
O	M	1	040	SAC	Service, Promotion, Allowance, or Charge Information
O	O	1	070	CTT	Transaction Totals
M	M	1	080	SE	Transaction Set Trailer

**ST**

**ST Transaction Set Header**

**Position:** 010  
**Loop:**  
**Level:** Header  
**User Req:** Required  
**Max Use:** 1  
**Notes:** Example: ST\*810\*0001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code	ID	3/3
				810 Invoice		
M	M	ST02	329	Transaction Set Control Number	AN	4/9

**BIG**

**BIG Beginning Segment for Invoice**

**Position:** 020

**Loop:**

**Level:** Header

**User Req:** Required

**Max Use:** 1

**Notes:** Example: BIG\*20230707\*INV1234\*20230606\*PO1234\*1234\*\*DI

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BIG01	373	Date YYYYMMDD	DT	8/8
M	M	BIG02	76	Invoice Number Unique per invoice	AN	1/22
M	O	BIG03	373	Date YYYYMMDD	DT	8/8
M	O	BIG04	324	Purchase Order Number Must match PO from 850	AN	1/22
O	O	BIG05	328	Release Number	AN	1/30
X	O	BIG07	640	Transaction Type Code DR Debit Memo	ID	2/2

**CUR**

**CUR Currency**

**Position:** 040  
**Loop:**  
**Level:** Header  
**User Req:** Optional  
**Max Use:** 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CUR01	98	Entity Identifier Code	ID	2/3
				SE Selling Party		
M	M	CUR02	100	Currency Code	ID	3/3
				USD		

**REF**

**REF Reference Identification**

**Position:** 050  
**Loop:**  
**Level:** Header  
**User Req:** Required  
**Max Use:** 12  
**Notes:** Example: REF\*IA\*1234

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier	ID	2/3
				IA Internal Vendor Number		
				CO Customer Order Number		
M	O	REF02	127	Reference Identification	AN	1/30
				Assigned vendor number Order Number Matching from PO		

**N1**

**N1 Name**

**Position:** 070  
**Loop:** N1 (Remit to )  
**Level:** Header  
**User Req:** Required  
**Max Use:** 1

**Notes:** Example: N1\*RI\*REMIT-TO-NAME  
 Remit to address is only required if you do not setup to default your remit to address in the portal.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N101	98	Entity Identifier Code	ID	2/3
				RI Remit To		
M	O	N102	93	Name	AN	1/60

**N2**

**N2 Additional Name Information**

**Position:** 080  
**Loop:** N1 (Remit to )  
**Level:** Header  
**User Req:** Required  
**Max Use:** 2  
**Notes:** Example: N2\*Company Name

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N201	93	Name	AN	1/60

**N3**

**N3 Address Information**

**Position:** 090  
**Loop:** N1 (Remit to )  
**Level:** Header  
**User Req:** Required  
**Max Use:** 2  
**Notes:** Example: N3\*123 Fake Street\*Site B

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N301	166	Address Information	AN	1/55
O	O	N302	166	Address Information	AN	1/55

**N4**

**N4 Geographic Location**

**Position:** 100  
**Loop:** N1 (Remit to )  
**Level:** Header  
**User Req:** Required  
**Max Use:** 1  
**Notes:** Example: N4\*City\*ST\*12203

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	N401	19	City Name	AN	2/30
M	O	N402	156	State or Province Code	ID	2/2
M	O	N403	116	Postal Code	ID	3/15
O	O	N404	26	Country Code 2 Characters	ID	2/3

**ITD**

**ITD Terms of Sale/Deferred Terms of Sale**

**Position:** 130  
**Loop:**  
**Level:** Header  
**User Req:** Required  
**Max Use:** >1  
**Notes:** Only populated if default terms is not setup in the portal

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	ITD01	336	Terms Type Code Example: ITD*14*3*30*20230630**20230630**10 14 Previously agreed upon	ID	2/2
M	O	ITD02	333	Terms Basis Date Code 3 Invoice Date	ID	1/2
O	O	ITD03	338	Terms Discount Percent	R	1/6
O	O	ITD04	370	Terms Discount Due Date Please include either ITD-04 or ITD-05 but not both	DT	8/8
O	O	ITD05	351	Terms Discount Days Due Please include either ITD-04 or ITD-05 but not both	N0	1/3
O	O	ITD06	446	Terms Net Due Date Please include either ITD-06 or ITD-07 but not both	DT	8/8
O	O	ITD07	386	Terms Net Days Please include either ITD-06 or ITD-07 but not both	N0	1/3
O	O	ITD08	362	Terms Discount Amount	N2	1/10
M	O	ITD12	352	Description	AN	1/80

IT1 Baseline Item Data (Invoice)

**Position:** 010  
**Loop:** IT1 (Loop can repeat)  
**Level:** Detail  
**User Req:** Required  
**Max Use:** 1  
**Notes:** Example: IT1\*1\*1\*EA\*20\*\*UP\*123456789012\*IN\*1234\*VN\*4567

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	IT101	350	Assigned Identification Line number from PO	AN	1/20
M	O	IT102	358	Quantity Invoiced Quantity Invoiced	R	1/10
M	O	IT103	355	Unit or Basis for Measurement Code EA EA Each	ID	2/2
M	O	IT104	212	Unit Price Unit Net Price of Each	R	1/17
M	O	IT106	235	Product/Service ID Qualifier UP VN Vendor's (Seller's) Item Number	ID	2/2
M	O	IT107	234	Product/Service ID Vendor Number	AN	1/48
O	O	IT108	235	Product/Service ID Qualifier IN IN Buyer's Item Number	ID	2/2
O	O	IT109	234	Product/Service ID ADI Global SKU	AN	1/48
M	O	IT110	235	Product/Service ID Qualifier UP U.P.C. Consumer Package Code (1-5-5-1)	ID	2/2
M	O	IT111	234	Product/Service ID UPC	AN	1/48

**PID**

**PID Product/Item Description**

**Position:** 060  
**Loop:** PID (Loop can repeat)  
**Level:** Detail  
**User Req:** Required  
**Max Use:** 1  
**Notes:** Example: PID\*F\*\*\*\*Test Description

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PID01	349	Item Description Type	ID	1/1
				F Free-form		
M	O	PID05	352	Description	AN	1/80
				The item being invoiced - Description		

**TDS**

**TDS Total Monetary Value Summary**

**Position:** 010  
**Loop:**  
**Level:** Summary  
**User Req:** Required  
**Max Use:** 1  
**Notes:** Example: TDS\*20100

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	TDS01	610	Amount	N2	1/15
				Gross total amount due including freight & allowances. Do not include a decimal point		

**SAC**

**SAC Service, Promotion, Allowance, or Charge Information**

**Position:** 040  
**Loop:** SAC (Optional if including Charges or Allowances)  
**Level:** Summary  
**User Req:** Optional  
**Max Use:** 1  
**Notes:** Example: SAC\*C\*\*FC\*ZZ\*10

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SAC01	248	Allowance or Charge Indicator C Charge A Allowance	ID	1/1
O	O	SAC03	559	Agency Qualifier Code ZZ Mutually Defined	ID	2/2
O	O	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	AN	1/10
O	O	SAC05	610	Amount Total charge or allowance amount	N2	1/15
O	O	SAC15	352	Description Free form description of the charge/allowance	AN	1/80

**CTT Transaction Totals**

**Position:** 070  
**Loop:**  
**Level:** Summary  
**User Req:** Optional  
**Max Use:** 1  
**Notes:** Example: CTT\*1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CTT01	354	Number of Line Items	N0	1/6

**SE Transaction Set Trailer**

**Position:** 080  
**Loop:**  
**Level:** Summary  
**User Req:** Required  
**Max Use:** 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SE01	96	Number of Included Segments	N0	1/10
M	M	SE02	329	Transaction Set Control Number	AN	4/9