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AAC Technologies (2018 HK)

Awaiting better visibility in 2Q; Maintain SELL

We maintain Sell rating with lowered TP of HK\$35.8 for our cautious view on iPhone launch delay, aggressive optics guidance and order uncertainty. Although recent 40% share price correction has priced in 1H20 iPhone weakness and COVID-19 supply impact, we believe there is still downside on consensus earnings due to product launch delays and demand weakness. We trimmed FY20/21E EPS by 15%/7% for 4Q19 miss, weaker margin and COVID-19 disruption. Our EPS are 31%/26% are below consensus. We would take a more positive stance if we saw demand recovery, better lens shipment and gross margin improvement.

- 4Q19 miss on GPM and lower ASP. AAC reported 4Q19 net profit decline of 27% YoY, 5%/24% below our/consensus estimates. The miss was mainly due to 1) weaker GPM in acoustics/haptics, and 2) optic's weaker ASP and lower shipment of 45kk/m in 4Q (vs 60kk/m prev. guidance). By segment, acoustics (42% of sales) reversed declining trend with 19% growth, while haptics/casings (46%) declined 6% YoY and optics (6%) grew 150% YoY.
- Conservative on optics's aggressive guidance. Optics was the only bright spot in 4Q19 with 150% revenue YoY (vs 81% YoY in 3Q). Mgmt. targets to achieve 100kk/m plastic lens shipment (vs 45kk/m in 4Q19) with ASP Rmb 4.2-4.5 by Jul 2020 (delayed from 1Q20E), and 6P/7P shipment will start in 3Q20E. As for WLG lens, mgmt. plans to start mass production in 2Q20E and annual shipment will reach 30mn in FY20E. While we are impressed by AAC's optics progress, we think shipment guidance of 100k/m by July looks too aggressive given Sunny's conservative view on handset lens and order uncertainty in 2H20E.
- Our FY20/21E EPS are 31%/26% below consensus. After 7 consecutive quarters of earnings decline due to share loss and slow spec upgrade, we expect AAC's gross margin will remain under pressure in FY20E. We expect net profit to grow -0.1%/-2.4%/+6.4% YoY in 2Q/3Q/4Q20E, driven by 1) deteriorated landscape in acoustics/haptics market, 2) slower-than-expected optics ramp given Sunny's conservative shipment/ASP guidance, and 3) lack of major upgrade except optics (6% of AAC sales).
- Maintain Sell; demand visibility remains weak. While market has priced in 1H20 weakness, we expect earnings downward revision and iPhone launch uncertainty due to COVID-19 will continue to put the stock under pressure. Our new TP of HK\$35.8 is based on same target multiple of 18x FY20E P/E. Upside risks include stronger lens, better iPhone and less margin pressure.

Earnings Summary

(YE 31 Dec)	FY18A	FY19A	FY20E	FY21E	FY22E
Revenue (RMB mn)	18,131	17,884	18,060	20,321	21,729
YoY growth (%)	(14.1)	(1.4)	1.0	12.5	6.9
Net income (RMB mn)	3,796	2,222	2,161	2,718	2,997
EPS (RMB)	3.12	1.84	1.79	2.25	2.48
YoY growth (%)	(28.5)	(41.1)	(2.8)	25.8	10.3
Consensus EPS (RMB)	NA	1.93	2.57	3.05	3.46
P/E (x)	11.6	19.6	20.2	16.1	14.6
P/B (x)	2.3	2.2	2.1	2.0	1.8
Yield (%)	5.0	3.5	3.4	2.2	2.4
ROE (%)	20.0	11.3	10.6	12.3	12.5

Source: Company data, Bloomberg, CMBIS estimates

SELL (Maintain)

Target Price HK\$35.8 (Previous TP HK\$45.0)
Up/Downside -11%
Current Price HK\$40.2

China Technology Sector

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Stock Data

Mkt. Cap. (HK\$mn)	48,582
Avg. 3mths t/o (HK\$mn)	369.45
52W High/Low (HK\$)	70/33.21
Total Issued Shares (mn)	1,209

Source: Bloomberg

Shareholding Structure

Chunyuan Wu	21.75%
Zhengmin Pan	19.24%
JPMorgan Chase	12.39%

Source: HKEx

Share Performance

	Absolute	Relative
1-mth	-29.5%	-12.5%
3-mth	-38.8%	-15.6%
6-mth	-4 1%	-9.3%

Source: Bloomberg

12-mth Price Performance



Source: Bloomberg

Auditor: Deloitte Touche Tohmatsu

Related Reports:

- AAC Tech (2018 HK) Worst is likely over but most positives are priced in – 11 Nov 2019
- AAC Tech (2018 HK) Outlook remains challenging; Maintain Sell -26 Aug 2019
- B. AAC Tech (2018 HK) 1H Preview



4Q19 Results Review

Figure 1: 4Q19 results review

						CMBI estimates		Consensus	
RMB mn	4Q18	3Q19	4Q19	QoQ	YoY	4Q19E	Diff %	4Q19E	Diff %
Revenue	4,838	5,012	5,305	6%	10%	4,941	7%	5,493	-3%
Gross Profit	1,844	1,483	1,539	4%	-17%	1,523	1%	1,200	28%
Operating Profit	1,135	829	801	-3%	-29%	827	-3%	1,045	-23%
Net profit	1,044	695	757	9%	-27%	794	-5%	909	-17%
EPS (RMB)	0.85	0.57	0.63	9%	-27%	0.65	-4%	0.75	-16%
Gross Margin	38.1%	29.6%	29.0%			30.8%	-1.8 ppt	32.0%	-3 ppt
Operating Margin	23.5%	16.5%	15.1%			16.7%	-1.6 ppt	19.0%	-3.9 ppt
Net Margin	21.6%	13.9%	14.3%			16.1%	-1.8 ppt	16.6%	-2.3 ppt

Source: Company data, Bloomberg, CMBIS

Figure 2: Revenue breakdown

RMB mn	FY18	1Q19	2Q19	3Q19	4Q19	FY19	FY20E	FY21E	FY22E
Revenue									
Dynamic components	8,675	1,880	1,766	2,280	2,241	8,167	7,533	7,863	8,196
MEMS components	814	154	226	289	259	929	1,014	1,064	1,118
Haptics & RF	8,073	1,530	1,496	2,118	2,457	7,694	7,627	7,675	7,685
Others (incl. optics)	569	189	327	324	347	1,094	1,887	3,718	4,731
Total	18,131	3,753	3,815	5,012	5,305	17,884	18,060	20,321	21,729
Revenue mix									
Dynamic components	48%	50%	46%	45%	42%	46%	42%	39%	38%
MEMS components	4%	4%	6%	6%	5%	5%	6%	5%	5%
Haptics & RF	45%	41%	39%	42%	46%	43%	42%	38%	35%
Others (incl. optics)	3%	5%	9%	6%	7%	6%	10%	18%	22%
YoY Growth (%)									
Dynamic components	-9%	-22%	-6%	-9%	19%	-6%	-8%	4%	4%
MEMS components	-4%	-14%	37%	8%	28%	14%	9%	5%	5%
Haptics & RF	-22%	-20%	-3%	5%	-6%	-5%	-1%	1%	0%
Others (incl. optics)	63%	36%	62%	267%	147%	92%	73%	97%	27%
Total	-14%	-19%	1%	3%	10%	-1%	1%	13%	7%
Gross profit margin									
Dynamic components	37.2%	32.9%	27.2%	33.3%	30.2%	31.0%	29.3%	30.5%	31.0%
MEMS components	26.6%	18.5%	26.9%	31.3%	29.3%	27.5%	29.1%	29.0%	30.0%
Haptics & RF	40.6%	32.3%	27.2%	29.5%	30.7%	29.6%	29.4%	30.4%	30.4%
Others (incl. optics)	4.0%	-6.2%	2.3%	2.6%	9.0%	3.2%	15.0%	23.0%	25.0%
Total	37.2%	30.1%	25.0%	29.6%	29.0%	28.6%	27.9%	29.0%	29.4%

Source: Company data, CMBIS

Figure 3: P&L forecast

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RMB mn	1Q19	2Q19	3Q19	4Q19	FY19	1Q20E	2Q20E	3Q20E	4Q20E	FY20E
Revenue	3,753	3,815	5,012	5,305	17,884	3,102	4,009	5,023	5,927	18,060
YoY	-19.1%	0.8%	2.9%	9.6%	-1.4%	-17.4%	5.1%	0.2%	11.7%	1.0%
Cost of sales	(2,623)	(2,860)	(3,528)	(3,765)	(12,777)	(2,215)	(3,008)	(3,557)	(4,250)	(13,030)
Gross profit	1,129	955	1,483	1,539	5,107	887	1,000	1,466	1,677	5,030
GPM (%)	30.1%	25.0%	29.6%	29.0%	28.6%	28.6%	25.0%	29.2%	28.3%	27.9%
YoŶ	-36.0%	-28.3%	-17.8%	-16.5%	-24.3%	-21.5%	4.8%	-1.2%	9.0%	-1.5%
SG&A	(230)	(182)	(221)	(285)	(918)	(192)	(193)	(221)	(318)	(925)
% of rev	-6.1%	-4.8%	-4.4%	-5.4%	-5.1%	-6.2%	-4.8%	-4.4%	-5.4%	-5.1%
R&D	(412)	(419)	(433)	(453)	(1,717)	(310)	(441)	(432)	(504)	(1,687)
% of rev	-11.0%	-11.0%	-8.6%	-8.5%	-9.6%	-10.0%	-11.0%	-8.6%	-8.5%	-9.3%
Operating	488	354	829	801	2,472	384	366	813	855	2,419
OPM (%)	13.0%	9.3%	16.5%	15.1%	13.8%	12.4%	9.1%	16.2%	14.4%	13.4%
YoŶ	-59.0%	-53.8%	-29.4%	-29.4%	-42.0%	-21.2%	3.5%	-1.9%	6.7%	-2.1%
Net profit	432	338	695	757	2,222	339	338	679	805	2,161
NPM (%)	11.5%	8.9%	13.9%	14.3%	12.4%	10.9%	8.4%	13.5%	13.6%	12.0%
YoY	-61.6%	-48.2%	-28.6%	-27.5%	-41.5%	-21.5%	-0.1%	-2.4%	6.4%	-2.8%

Source: Company data, CMBIS



Earnings Revision

Our FY20/21E EPS are 31%/26% below consensus

We reduced our FY20/21E EPS by 20%/7% to reflect lower revenue/margin assumptions. Our EPS are lower than consensus by 26-31% mainly due to more conservative gross margin and revenue estimates for acoustics/haptics segment.

Figure 4: CMBI earnings revisions

(DMD mm)	New		Old		Diff (%)		
(RMB mn)	FY20E	FY21E	FY20E	FY21E	FY20E	FY21E	
Revenue	18,060	20,321	19,657	20,556	-8%	-1%	
Gross profit	5,035	5,901	5,864	6,202	-14%	-5%	
Operating profit	2,419	3,010	3,067	3,277	-21%	-8%	
Net profit	2,161	2,718	2,718	2,913	-20%	-7%	
EPS (RMB)	1.79	2.25	2.24	2.40	-20%	-7%	
Gross margin	27.9%	29.0%	29.8%	30.1%	-2 ppt	-1.1 ppt	
Operating margin	13.4%	14.8%	15.6%	15.9%	-2.2 ppt	-1.1 ppt	
Net Margin	12.0%	13.4%	13.8%	14.2%	-1.9 ppt	-0.8 ppt	

Source: Company data, CMBIS estimates

Figure 5: CMBI estimates vs consensus

(DMD mm)	CMB		Conser	sus	Diff (%)		
(RMB mn)	FY20E	FY21E	FY20E	FY21E	FY20E	FY21E	
Revenue	18,060	20,321	20,506	22,841	-12%	-11%	
Gross profit	5,035	5,901	6,480	7,405	-22%	-20%	
Operating profit	2,419	3,010	3,640	4,200	-34%	-28%	
Net profit	2,161	2,718	3,118	3,707	-31%	-27%	
EPS (RMB)	1.79	2.25	2.57	3.05	-31%	-26%	
Gross margin	27.9%	29.0%	31.6%	32.4%	-3.8 ppt	-3.4 ppt	
Operating margin	13.4%	14.8%	17.7%	18.4%	-4.4 ppt	-3.6 ppt	
Net Margin	12.0%	13.4%	15.2%	16.2%	-3.2 ppt	-2.9 ppt	

Source: Bloomberg, CMBIS estimates

Valuation

Maintain Sell with new TP HK\$35.8

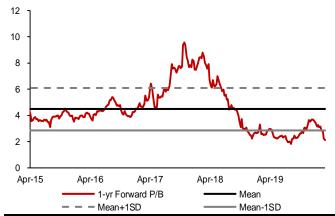
We maintain Sell for our cautious view on iPhone launch delay, optics guidance and order uncertainty. Although recent 40% correction have reflected 1H20 weakness and COVID-19 supply impact, we believe there is still downside on consensus earnings due to product launch delays and demand weakness. Our new TP of HK\$35.8 is based on same 18x FY20E P/E. Upside risks include stronger lens, better iPhone and better GPM.

Figure 6: 12M forward P/E band



Source: Company data, CMBIS

Figure 7: 12M forward P/B band



Source: Company data, CMBIS



Financial Summary

Income statement						Cash flow summary					
YE 31 Dec (RMB mn)	FY18A	FY19A	FY20E	FY21E	FY22E	YE 31 Dec (RMB mn)	FY18A	FY19A	FY20E	FY21E	FY22E
Revenue	18,131	17,884	18,060	20,321	21,729	Profit before taxation	4,310	2,552	2,480	3,088	3,406
COGS	(11,388)	(12,777)	(13,030)	(14,426)	(15,335)	Depreciation	1,750	1,803	2,003	2,203	2,403
Gross profit	6,743	5,107	5,030	5,895	6,395	Change in working capital	1,149	(627)	216	(1,251)	708
•						Others	(420)	(85)	(69)	(97)	(145)
Selling and marketing	(317)	(275)	(277)	(345)	(369)	Net cash from operating	6,789	3,644	4,630	3,944	6,373
Administrative	(650)	(643)	(647)	(711)	(761)						
R&D	(1,512)	(1,717)	(1,687)	(1,829)	(1,956)	Capex	(2,941)	(3,000)	(2.800)	(2,800)	(2,800)
Operating profit	4,265	2,472	2,419	3,010	3,309	Other	(658)	68	Ó	0	0
oporating prom	,	,	, -	-,-	,	Net cash from investing	(3,599)	(2,932)	(2,800)	(2.800)	(2,800)
Financial cost	(218)	(248)	(248)	(248)	(248)	net cash from investing	(-,,	(_,,	(=,,	(=,,	(-,,
Other income/(losses)	264	329	310	327	345	Net borrowings	(555)	0	0	0	0
, ,	4,310	2,552	2,480	3,088	3,406	Interest paid	(216)	(248)	(248)	(248)	(248)
Pre-tax profit	4,510	2,002	2,400	3,000	3,400		(2,182)	(1,531)	(1,489)	, ,	(1,049)
_	(E11)	(220)	(240)	(271)	(400)	Dividend paid	` ' '	, ,	, ,	` ,	, ,
Tax	(514)	(330)	(319)	(371)	(409)	Other	(294)	0	0	(4.400)	(4.007)
Minority interest		-	- 404			Net cash from financing	(3,247)	(1,779)	(1,737)	(1,199)	(1,297)
Net profit	3,796	2,222	2,161	2,718	2,997					<i></i>	
						Net change in cash	(57)	(1,068)	93	(56)	2,276
						Cash at beg of year	4,034	4,059	2,991	3,085	3,029
						Exchange difference	81	0	0	0	0
						Cash at end of year	4,059	2,991	3,085	3,029	5,305
Balance sheet						Key ratios					
YE 31 Dec (RMB mn)	FY18A	FY19A	FY20E	FY21E	FY22E	YE 31 Dec	FY18A	FY19A	FY20E	FY21E	FY22E
Current assets	11,985	11,918	11,129	13,819	14,681	Sales mix (%)					
Cash & equivalents	4,126	2,991	3,085	3,029	5,305	Dynamic components	47.8	45.7	41.7	38.7	37.7
Trade and other rev.	4,474	6,930	4,556	8,220	5,514	MEMS (microphone)	4.5	5.2	5.6	5.2	
Inventories	3,319	1,931	3,424	2,505	3,797	Electro. (haptics)	44.5	43.0	42.2	37.8	35.4
Other current assets	65	65	65	65	65	Other	3.1	6.1	10.4	18.3	21.8
Non-current assets	17,884	19,080	19,877	20,474	20,870	Growth (%)					
PPE	15,440	16,637	17,433	18,030	18,426	Revenue	(14.1)	(1.4)	1.0	12.5	6.9
Lease prepayments	622	622	622	622	622	Gross profit	(22.7)	(24.3)	(1.5)	17.2	8.5
Intangible assets	367	367	367	367	367	Operating Income	(29.9)	(42.0)	(2.1)	24.4	9.9
Other non-curr. assets	1,455	1,455	1,455	1,455	1,455	Net profit	(28.7)	(41.5)	(2.8)	25.8	10.3
Total assets	29,869	30,998	31,006	34,292	35,552	rect prom	(20.1)	(11.0)	(2.0)	20.0	10.0
Total assets	23,003	30,330	31,000	34,232	33,332	Profitability (%)					
Current liabilities	0 217	0 75/	9 000	0.610	0.024		37.2	28.6	27.9	29.0	29.4
Current liabilities	8,317	8,754	8,090	9,610	8,921	Gross Margin	23.5	13.8	13.4	14.8	15.2
Short-term borrowings	3,493	3,493	3,493	3,493	3,493	Operating Margin					
Trade & other payables	4,548	4,989	4,322	5,816	5,111	Net margin	20.9	12.4	12.0	13.4	13.8
Tax payables	205	202	204	230	246						
Other current liabilities	71	71	71	71	71	Balance sheet ratios					
						Net debt/total equity (x)	0.1	0.1	0.1	0.1	0.0
Non-current liabilities	2,618	2,618	2,618	2,618	2,618	Current ratio (x)	1.4	1.4	1.4	1.4	1.6
Government grants	118	118	118	118	118	Receivable turnover days	88	90.0	90.0	90.0	90.0
Deferred tax liabilities	72	72	72	72	72	Inventory turnover days	89	75.0	75.0	75.0	75.0
Other non-current liab.	2,429	2,429	2,429	2,429	2,429	Payable turnover days	85	70.0	70.0	70.0	70.0
Total liabilities	10,935	11,373	10,708	12,228	11,539						
						Returns (%)					
Share capital	99	99	99	99	99	ROE	20.0	11.3	10.6	12.3	12.5
Reserves	18,835	19,527	20,199		23,914		12.7	7.2	7.0	7.9	
Minority interest	. 5,555	. 5,521	_0,100	,500	_0,011	-					
Shareholders' equity	18,934	19,626	20,298	22,064	24,013	Per share data (RMB)					
Total equity & liabilities	29,869	30,998	31,006	34,292	35,552		3.12	1.84	1.79	2.25	2.48
										0	

Source: Company data, CMBIS estimates



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BUY
Stock with potential return of over 15% over next 12 months
SELL
Stock with potential return of +15% to -10% over next 12 months
SELL
Stock with potential loss of over 10% over next 12 months

NOT RATED : Stock is not rated by CMBIS

OUTPERFORM : Industry expected to outperform the relevant broad market benchmark over next 12 months

MARKET-PERFORM : Industry expected to perform in-line with the relevant broad market benchmark over next 12 months

UNDERPERFORM : Industry expected to underperform the relevant broad market benchmark over next 12 months

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